Washington Talks It Over—page 5

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison — *Member Audit Bureau of Circulations*

THE CHEMICAL MARKET AUTHORITY SINCE 1871

Volume 141
Number 6

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Schnell Publishing Company, Inc.

February 9, 1942

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The Care and Feeding of BOILERS

Trouble-maker in industrial power plants has been silica in boiler feed-water which can form chisel-hard scale on boiler tubes, superheater tubes and turbine blades. For years water treatment engineers have sought the one best solution to lick the silica problem.

That is the job now being done by *Remosil*—a special magnesium oxide developed by Westvaco chemists in collaboration with the laboratories of W.H. and L. D. Betz of Philadelphia. By adsorption *Remosil* removes silica from boiler feed-water in the form of a voluminous, flocculent, suspended mass prior to entrance to the boiler. Result: Higher efficiency for power plants everywhere.

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Volume 141 | **February 9, 1942** | **Number 6**

Chemical Workers And Payrolls Gain

Employment Up 0.1 Percent —Payrolls Total Gain 2.3% —Both Above 1940 Figures

Employment in factories engaged in the manufacture of chemicals and related products in the United States noted an increase of 0.1 percent from November 15 to December 15, according to the Bureau of Labor Statistics. At the end of the monthly period employment was 1.3 percent above the corresponding level of 1939. Payrolls showed a gain of 2.3 percent from November 15 to December 15, and stood 0.2 percent above corresponding level for 1939.

The Bureau of Labor Statistics index number for factory employment in the chemical group of industries December 15 was 147.9 (100 equals 1923-25 average), compared with 147.7 for November 15 and 125.7 for December, last year. For payroll totals the index number was 198.7 (same basis), compared with 194.2 for November and 143.9 for December last year.

The Bureau's general index numbers for all manufacturing industries April 15, 1940, showed the following comparisons:—

	Dec., 1941	Nov., 1941	Dec., 1940
Employment	134.0	134.7	116.2
Payroll totals	169.8	165.2	122.4

—Continued on page 35

Intrastate Commerce Subject to U.S. Control

OPD Washington Bureau
February 2, 1942

The Supreme Court of the United States today ruled that the Federal government has power to regulate wholly intrastate business if that is necessary to make effective its regulation of interstate commerce.

In a unanimous decision the court upheld the application of milk-marketing regulations of the Department of Agriculture to a dairy purchasing, processing and selling milk entirely within the State of Illinois. The case is U. S. versus Wrightwood Dairy Company. Lower Federal courts held that the regulation could not apply to this concern because its business is not in the current of interstate commerce and did not directly burden, obstruct, or affect interstate commerce. The United States Circuit Court of Appeals held that the company's milk is sold in competition with interstate commerce, but that Congress cannot regulate intrastate

—Continued on page 40

Export Licenses Conditioned to Price

OPD Washington Bureau
February 5, 1942

Several changes in the operation of the export license system are described in current controls bulletin No. 6 of the Office of Export Control.

Many licenses are now being rejected because the f.a.s. price shown on the application exceeds the current export market price or is in access of the export ceiling price as published by the Office of Price Administration. Exporters are advised to submit full information concerning the manner in which the f.a.s. price was determined and explaining why it is higher than the current export market price.

Effective February 16, each application for a license must be accompanied

—Continued on page 33

American Potash Names Potash, Borax Sales Heads

E. M. Kolb has been named manager of potash sales and R. M. Curts has been placed in charge of borax sales for the American Potash & Chemical Corporation, this city, ac-

E. M. Kolb

cording to W. J. Murphy, vice-president in charge of sales.

Mr. Kolb, a graduate of the University of Missouri, has been associated

—Continued on page 59

Priority Forms, Orders May Be Reproduced

OPD Washington Bureau
February 5, 1942

All priority forms and orders, with a few exceptions, may now be reproduced, according to the terms of Priorities Regulation No. 5, issued today by the Division of Industry Operations. The regulation applies to all documents heretofore issued, and to those issued hereafter, except in cases where reproduction may be specifically prohibited.

Copies of any order which contains the name and address of the producer or other person to whom the order is issued, or a serial number identification, may not be reproduced without the name and address and serial number unless they are clearly marked "information copy."

Reproduction for use of the new ap-

—Continued on page 31

OPM and Contract Distribution Field Offices Merged by WPB

OPD Washington Bureau, February 4, 1942

Consolidation of all field activities of the War Production Board in a new Bureau of Field Operations was announced today by Donald M. Nelson, chairman. The new field bureau will be under the Division of Industry Operations, which is headed by James S. Knowlson.

Merged under the new setup are the forty-five field offices hitherto maintained by the Priorities Division and the 113 offices operated by the former Division of Contract Distribution. Steps will be taken to coordinate any other field activities of the War Production Board within the framework of the new bureau. Mr. Knowlson made the following explanation of the new move:—

The policy of staff decisions in priorities will continue to be made through the Bureau of Priorities; the policy decisions in the increasingly important field of subcontracting will continue to be made within the Division of Production, to which the Division of Contract Distribution was transferred when the War Production Board was set up.

However, for administrative purposes, field activities in both areas will be handled through the new Bureau of Field Operations. This should facilitate prompt decisions and actions.

L. Edward Scriven, formerly in charge of the priorities field offices, will head the Bureau of Field Operations and will report to Mr. Knowlson. Walter H. Wheeler, former Deputy Director of the Division of Contract Distribution, will remain in charge of subcontracting staff activities under William H. Harrison in the Production Division.

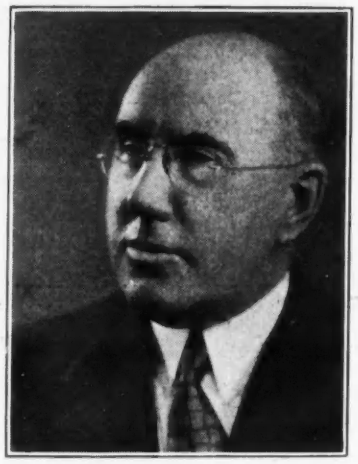
Special Assistants to Nelson

Arthur C. C. Hill, jr., special assistant to WPB chairman, D. M. Nelson. Born in Boston, 1903. Educated at Boston Latin School, Dartmouth College, and Brookings Institution. Received degree of Doctor of Philosophy from London School of Economics in 1929. Was secretary of the Senate Committee on Commerce in 1932; executive officer of the NRA 1933-35.

—Continued on page 43

A.C. Fergusson Given Testimonial Dinner

A testimonial dinner was tendered Alexander C. Fergusson by his business associates and a few old business friends at the Ritz-Carlton hotel, Phil-



Alex C. Fergusson

adelphia, February 6, in commemoration of the fiftieth anniversary of his connection with the Alex. C. Fergusson Company, of which he is president and which now bears his name. Seventy-five were in attendance. Lyman S. Lloyd, vice-president of the com-

—Continued on page 31

Mercury Price Ceiling Set

OPD Washington Bureau
February 4, 1942

Maximum prices for mercury, effective February 4, as established by the Office of Price Administration, fixes base prices for prime virgin mercury produced in California, Oregon, Washington, Idaho, Utah, Nevada and Arizona, at $191 per 76-pound flask f.o.b. point of shipment, and for mercury produced in Texas and Arkansas at $193 f.o.b. point of shipment. These maximum prices are approximately the prices which prevailed from October 1 to October 15, 1941. Current market prices for mercury are about $198, Pacific Coast.

The schedule also fixes a maximum price for mercury imported from Mexico at $193, f.o.b. point of entry. This is approximately the price at which Metals Reserve Company is selling Mexican mercury at Laredo, Tex. Maximum prices likewise are

—Continued on page 50

N. Y. Bill Forbids Sales Above Price Ceilings

Albany, February 4, 1942

Unlawful purchase or sale of articles and commodities subject to a freezing, rationing or price-fixing order will be a misdemeanor if the bill introduced in the Legislature today becomes law. The bill (A836 and S689) also provides that where fraud or perjury is resorted to in obtaining or attempting to obtain restricted articles this will also be treated as a misdemeanor. Under

Sponsored by Assemblyman Harold C. Ostertag, chairman of the committee on interstate cooperation, and Senator Roy M. Page, chairman of the senate defense committee, this is another in a series of defense measures intended to make effective the wartime restrictions imposed by the Federal government. Test of the measure, which would amend the penal law, follows:—

Unlawful traffic in certain articles and commodities during existing state of war. Any person, firm or corporation wilfully selling, buying, distributing, transporting, storing, offering or exposing for sale, or otherwise handling or dealing in, any vehicle, article or other commodity subject to a duly promulgated freezing, rationing or price-fixing order or regulation, in violation of or contrary to the terms and provisions of such order or regulation, is guilty of a misdemeanor.

Fraud and perjury in obtaining certain articles and commodities during existing state of war. Whoever, by trick, device or artifice, false representation or statement, or by the use of any forged or spurious instrument or document, or by any other fraudulent means, obtains or attempts to obtain the possession or use of any vehicle, article or other commodity subject to a duly promulgated freezing, rationing or price-fixing order or regulation is guilty of a misdemeanor.

Chromium Put Under Strict Allocation

OPD Washington Bureau
February 4, 1942

Chromium, already strictly controlled, today was placed under a complete allocations system by the Director of Industrial Operations by an amendment to order M-18-a. The amended order provides that no chromium may be melted except with specific authorization of the Director of Industry Operations. It is designed to prevent depletion of existing stocks.

Today's order, together with order M-21-a which limits the uses of chrome steel, makes use of the metal completely subject to the Director of Industry Operations. M-18-a, as amended today, revokes order M-18 and takes effect upon issuance. It expires on June 30, 1942.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals, oils, and drugs is currently as follows:—

Feb. 6, 1942	Jan. 30, 1942	Feb. 7, 1941
143.7	**143.8**	**109.8**

Oils, fats, and waxes and essential oils and aromatic chemicals are substantially higher than in the previous week; dyestuffs, textile and leather chemicals, and paint, varnish, and lacquer materials are up a little; drugs and fine chemicals and botanical drugs, spices, and gums are notably lower. All other groups are unchanged.

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Titanium Pigment Prices Ceiled

OPD Washington Bureau
February 6, 1942

Price Schedule No. 98, announced today by Price Administrator Leon Henderson, ceils prices of titanium pigments at the schedule prevailing October 1, 1941, and continued since that date as the result of a request made by Mr. Henderson January 3 to the five producers of these pigments. The price ceiling is on the basis of 14½c. per pound in car lots, bags. It runs down to fifty-pound quantities. The customary ¼c. differential for Western territory is allowed and for export sales, both East and West, the maximum prices, f.a.s., plus 10 percent is established.

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Glycerin Production Discussed by WPB

Ways and means of increasing glycerin production to meet increasing world demand were discussed at a meeting of the soap and glycerin industries advisory committee with the War Production Board today. Plans are being drawn up for complete industrial participation in filling the needs of the Allied nations.

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Agar Supplies Frozen By WPB Order

OPD Washington Bureau
February 6, 1942

All supplies of agar in the United States in the hands of persons having more than 50 pounds in their possessions were frozen today by order of the War Production Board.

Today's order prohibits purchase or sale of agar, from or by a person having more than fifty pounds in his possession, except as specifically ordered by the Director of Industry Operation, or for use in bacteriologically media.

In order to ascertain the amount of agar in the United States the order requires every person having more than fifty pounds in his possession to report the exact amount to WPB within fifteen days of the issuance of the order. The order is effective February 9.

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Paregoric Sale Licensing to Be Sought

OPD Washington Bureau
February 4, 1942

The Bureau of Narcotics will ask Congress for immediate legislation to control the sale of paregoric and to license the growing of opium poppies, Commissioner Harry J. Anslinger revealed during hearings on the Treasury Department appropriations bill.

Regarding the legitimate distribution of narcotic drugs, Commissioner Anslinger said:—

Our control of distribution, which is normally exceedingly effective, is being further tightened by extending the quota system, which has heretofore been applied only to the manufacturers of alkaloids, to pharmaceutical and specialty manufacturers as well, and by restricting all sales of narcotics to current me-

—Continued on page 35

Contents of This Issue

News and Statistics

American Can Names Proctor Cincinnati Sales Office Manager..... 40
American Potash Names Potash, Borax Sales Heads..... 3
AMA Personnel Parley Urges Industrial Peace..... 7
Asphalt Production Up..... 57
Bolivian Oil Rights Disputes to Be Settled 57
Business Advisory Group Names Deupree Chairman..... 5
Chemical Solvents to Move..... 50
Chemical Workers and Payrolls Gain 3
Chromium Put Under Strict Allocation 3
Cowles Co. Appoints Finch to Sales Post 59
Dolian in Army..... 40
Dyestuff Advisory Group of War Board Formed..... 5
Export Licenses Conditioned to Price 3
F.W.D.A. Discusses Problems of Supply 7
Fats, Oils Price Ceiling Basis Revised 7
Fergusson Given Testimonial Dinner 3
Ferro Drier & Chemical Co. New Name of Chase Drier..... 40
Fischelis to Direct Civilian Health Supplies 7
General Chemical Defense Corporation Is Formed..... 32
Grasshopper Control Organized by U. S..... 7
Government Agencies Increase in Number 5
Harding Gets Oil Post..... 57
Hog Bristles Order M-51 Is Amended 7
Intrastate Commerce Subject to U.S. Control 3
Lacquer Sales Up in 1941..... 39
Mexican Subsoil Decision Reinvigorates Oil Quarrel..... 57
Magnesium Contract Closed by Mathieson 5
Magnesium Production Pends in New England..... 5
Mercury Price Ceiling Set..... 3
Monsanto Completes Plant for U.S. on Scheduled Time..... 36
Narcotic Drug Purchases Held to 1940 Needs..... 7
N.J. Fair Trade Act Legality Is Upheld 48
N.P.V.L.A. Priorities Clinics Arrangements Completed..... 40
N.Y. Trade Board to Hear Rovensky 35
N.Y. Bill Forbids Sales Above Price Ceilings 3
Oil Royalty Rate of 12½% to Be Asked 35
Oil Field Equipment Makers Price Parley Set..... 5
OPM and Contract Distribution Field Officers Merged by WPB..... 3
Paint, Varnish, Lacquer Sales: December 37
Pepper Price Maximums Changed February 3..... 7
Petroleum Products Prices Ceiled by OPA..... 5
Priority Forms, Orders May Be Reproduced 3
Potash Deliveries Show Sharp Gain. 59
Soap, Glycerin Industry Advisory Group Formed..... 7
Secondary Aluminum Output Up in First Half of 1941..... 40
Soybean, Peanut Oils Get Separate Ceilings 7
Smith Appointed to CCC Cotton Division 59
Textile Technologists Discuss U.S. Needs 33
Tung Grove Co. Restrained from Selling Land Contracts..... 40
Used Barrel, Drum Price Ceiling Changed 7

General Features

Advertisers' Index 63
Bids Wanted..... 4
Chemical Price Trends..... 4
Classified Advertisements 60
Closing Market Developments.... 4
Contracts Awarded ..... —
Defense Contract Awards..... —
Defense Materials Price Trend... 4
Dividends Declared ..... —
Editorials 28
Foreign Trade Openings..... —
Foreign Trade Rules..... —
Imports 62
Industrial Uses of Chemicals..... 58
Obituaries 56
OPD Price Index..... 4
Prices Current..... 9
Scientific, Professional Services... 61
Substitutes and Extenders..... —
Trade News Briefs..... 40
What You Can Use..... 51
Where You Can Sell..... 58

Market Reports

Botanical Drugs, Spices, Gums... 53
Coaltar Chemicals 34
Drugs and Fine Chemicals..... 45
Dyestuffs, Textile and Leather Chemicals 32
Essential Oils and Aromatics.... 55
Fertilizer Materials 59
Heavy Chemicals 30
Oils, Fats and Waxes..... 41
Paint, Varnish and Lacquer Materials 37
Petroleum Products 57

Washington Talks It Over

Chicken, Cow, Constitution..... 5
State Must Stay in Bounds..... 5
Farmer Alone Is Federal..... 5
Rubbing All Round..... 5
Consumers' WPB Role..... 5
Saccharin Not Sugar..... 36
Tariff Still Sectional..... 36
The Why of Sugar Quotas..... 36
Sugar in Medicines..... 36

Chemical Price Level Depressed

Largely because of an OPA enforced reduction of the price of quicksilver and an OPA induced reduction of the price of menthol there was a lowering last week of the general average for the chemical and related materials markets. Some help in this came also from the botanical drug group. But OPA aided and abetted in a hoisting of prices of some fats and oils, being in some instances unable to reach with any punitive persuasion suppliers who refused to sell at existing ceilings. The influence of imported oils makes that a big problem in price control.

Chemicals in the popular sense remain calm in respect of contractual prices. Reselling has thinned out notably. Supplies for export have set a limit in most lines. Civilian consumption is tapering off and bids fair to disappear here and there before long.

Prices were advanced on nitrate of soda, strontium chloride, carbonate and sulphate white leads, stearic acid, red oil, lard, linseed oil, gum rosin, divi-divi, cassias and cassia oil, African and Cochin gingers, Mexican anise and various other spices, sassafras bark, dill and eucalyptus oils and several in the flavoring category, and fertilizer tankage at Chicago.

Prices were reduced on quicksilver, menthol, gum turpentine, senna, henbane, larkspur, black pepper, juniper berries, and a number of medicinal roots of lesser importance.

The effect of the changes is shown in the *OPD Price Index* at the top of the column on the left.

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N.W.D.A. Indicted In 'Trust' Case

OPD Washington Bureau
February 6, 1942

The National Wholesale Druggists Association, twenty-three of its members and twenty-nine officers and agents have been indicted by a Federal grand jury at Newark, N. J., for conspiracy to violate the Sherman antitrust act, the Department of Justice announced today.

The Justice Department said the action was the first indictment charging use of fair trade contracts in a manner not contemplated by the Miller-Tydings amendment to the Sherman act or by State fair trade laws.

The indictment alleged three so-called stabilization plans were used. In one, the wholesalers acted as agent between manufacturers and retailers, but guaranteed payment to the manufacturers on products delivered on credit to retail druggists. Another plan called for announcement by the manufacturers of suggested wholesale prices, while the third provided a manufacturer-wholesaler fair trade contract plan under which minimum wholesale selling prices were established.

The companies and officers indicted were:—

Coffin-Reddington Company, San Francisco; Davis Brothers, Denver; Des Moines Drug Company, Des Moines; J. W. Edgerly & Co., Ottumwa, Iowa; Ellis-Bagwell Drug Company, Memphis, Tenn.; Gilman Brothers, Inc., Boston; Hazeltine-Perkins Drug Company, Grand Rapids, Mich.; Justice Drug Company, Greensboro, N. C.; D. Kaltman & Co., Jersey City, N. J.; V. Kaufmann-Latimer Company, Columbus, Ohio; Keifer Stewart Drug Company, Indianapolis, Ind.; Charles Leich & Co., Evansville, Ind.; I. L. Lyons & Co., Ltd., New Orleans; McKesson & Robbins, Inc., New York; Meyer Brothers Drug Company, St. Louis; Mooney-Mueller-Ward Company, Indianapolis, Ind.; Scheffelin & Co., New York; Smith, Kline & French, Inc., Philadelphia; Southwestern Drug Company, Dallas; Standard Drug Company, Lynchburg, Va.; Towne & James, Brooklyn; Yahr, Lange, Inc., Milwaukee.

Edwin L. Newcomb, Robert L. Morrison, Henry J. Haas, John C. Davis, Moses E. Sherman, Theodore J. Inskeep, Robert R. Ellis, Charles Loring, Lee W. Hutchins, P. A. Hayes, David L. Kaltmann, George H. Kauffman, A. Kiefer Mayer, Richard I. Hanson, Irving L. Lyons, Charles F. Michaels, B. B. Badanes, Leo Lannigan, George V. Doerr, Thomas O. Duff, Edward P. Schardер, William J. Mooney, Jr.; Charles C. Caruso, James Mahlon Buck, James M. Penland, Ernest Morrison, James C. Holloran, Warner James, and Herbert W. Atkinson.

Cobalt Blue Use In Pigments Stopped

The War Production Board today issued conservation order M-39-b, prohibiting the use of cobalt blue in pigments after May 1, and restricting its use in pigments until that date to forty percent of the amount used in the first six months of 1941.

At the same time, an amendment to General Preference Order M-39 was issued placing cobalt in all forms under an allocation system.

Most seriously affected will be the glass industry, particularly in the production of blue bottles. Ceramics also will suffer but to a lesser extent. Blue enamelware, inks, fabric dyes, paints, and stains are expected to turn to ultramarine blues composed of chemical synthetics.

Articles made of cobalt not covered by the prohibition are restricted until March 31 to 23 percent of the amount used in the first six months of 1941, and after that date to 35 percent in any calendar quarter.

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Isco Chemical Marks Twenty-fifth Year

In 1917, the year that saw America's entry into the first World War, one of the first steps to meet a changed chemical market was the starting of operations at Niagara Falls, N. Y., of an electrolytic plant. This plant was operated as the Isco Chemical Company, Inc., under the direct supervision of Eben C. Speiden. Chlorine and caustic soda were the first products manufactured.

Carbon tetrachloride was soon

—Continued on page 36

Magnesium Contract Closed by Mathieson

A contract between the Defense Plants Corporation and the Mathieson Alkali Works for a new magnesium plant was signed February 4, according to E. M. Allen, president of the Mathieson organization. The plant will be located at Lake Charles, La. It will be owned by the Defense Plants Corporation and operated by the Mathieson Company.

Work on the structure will begin immediately, Mr Allen said. The plant will cost approximately $22,500,000; it will have a capacity of 36,000,000 pounds of magnesium per annum.

The plant will be strategically located with respect to raw materials and cheap fuel. The source of the magnesium will be dolomite from nearby quarries. This material is calcined, locally produced natural gas being used for this purpose. The resulting oxides of calcium and magnesium are treated with calcium chloride, a product of the process by which soda ash is mode at the local Mathieson plant. The mass is then treated with carbon dioxide, obtained from the calcination of the dolomite, which converts the calcium into the insoluble carbonate, leaving magnesium chloride. This product, after being concentrated, is electrolyzed, forming magnesium and chlorine.

Magnesium Production Pends in New England

Production of metallic magnesium from dolomite in the Berkshires section of southern New England is being arranged for by the New England Lime Company, Adams, Mass. Authority has been got from the Defense Plant Corporation to erect a plant for it and to operate under a new process. The plant will be near the Massachusetts-Connecticut line.

The process which will be applied to the Berkshire dolomite is one of direct conversion employing ferrosilicon as the converting agent. This process is also to be applied in operations in eastern Canada. It is said to have particular advantages in cost of equipment required and in cost of operation.

It is estimated that the plant to be erected by the New England Lime Company will cost between $2,000,000 and $3,000,000. It will have an annual capacity of 7,500,000 pounds of metallic magnesium.

Petroleum Products Prices Ceiled by OPA

OPD Washington Bureau
February 4, 1942

The Office of Price Administration today placed price ceilings on petroleum and its products, with the exception of asphalt, industrial lubricating oils, industrial naphthas and solvents, greases and specialty products such as household oils and spot removers.

Prices established are those posted for crude petroleum and the lowest quoted for petroleum products on October 1, 1941. Provisions are made, however, for special situations, covered in specific agreements and price schedules already effective.

A deviation from current price establishment practices is the setting of October 1, instead of November 7,

—Continued on page 57

Oil Field Equipment Makers Price Parley Set

OPD Washington Bureau
February 3, 1942

Further measures to stabilize prices of oil field equipment will be discussed at a meeting February 11, in Dallas, Tex., between representatives of approximately 250 manufacturers and officials of the Office of Price Administration. The meeting, convening at 10 a.m. in the Baker hotel, will be open to all manufacturers of oil field equipment, whether or not specific invitations have been received. C. L. Christenson, head of the oil field equipment unit of OPA's machinery section, will preside.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

Bewildered businessmen and other visitors to Washington now have some place to go for help in getting steered through the maze of government agencies scattered all over the District of Columbia and its suburbs. The United States Information Service, a branch of the Executive Office, with no very well understood functions, is setting up a reception office which visitors can make their first port of call.

Presumably this office will get hourly reports on changes of the personnel, duties, building locations, and telephone branch numbers of the innumerable governmental units having to do with the war, because these things change so fast that a whole bureau may be moved across town over night.

The Department of Commerce has been trying to provide this sort of service for some months, but its success, if any, was not sufficiently noteworthy to come to the President's attention because he ordered the new reception service into being.

Chicken, Cow, Constitution

The Supreme Court has come a long way from the Schechter "sick chicken" case which outlawed the NRA in 1935 to this week's Wrightwood Dairy decision in the matter of extending Federal authority over intrastate business. After the NRA decision Roosevelt said the court was taking us back to horse and buggy days—then he started to work on the tribunal.

Now the "New Deal Court" has in effect reversed the Schechter decision, but, as courts do, it tries to explain that the two decisions are quite consistent because the issues are entirely different. In the Schechter case, the court said this week, the charge was a violation of a code through local business activities which had no relation to or effect on interstate commerce different from other local business, and there was no allegation of injury to interstate commerce or interference with persons engaged in interstate commerce.

Schechter's chickens were all bought outside the State where they were slaughtered, while Wrightwood Dairy does nothing but buy and sell milk locally, yet the former was immune to Federal regulation while the latter can be completely controlled because it "directly affects" interstate commerce.

"The Constitution is what the Supreme Court says it is."

State Must Stay in Bounds

The Supreme Court has ruled, five-to-four, that Alabama went out of bounds when, acting under its food and drug act, it attempted to sieze packing-stock butter purchased by the Clover Leaf Butter Company for renovating. The Federal government regulates the manufacture of renovated butter through a tax law with which the Clover Leaf Company complied, the State authorities contended that the material before it was processed was unfit for human consumption.

The majority opinion, written by Justice Reed, held that, since the entire process of manufacture comes under Federal supervision, a State may not interfere with the process, and it may be presumed that Federal regulations are adequate to insure that the inedible raw material will not be diverted to human consumption, but will be renovated in accordance with the Federal requirements. It held that the Federal law did enough for the States in leaving them free to act on the packing-stock supplies prior to the time of delivery into the hands of the manufacturer and to regulate sales of the finished product within their borders.

A minority opinion, written by Chief Justice Stone, pointed out that the Federal law makes no provision for seizing unfit material before it is renovated but that its object is to prevent the distribution of butter unfit for food, and contended that State action to seize such material simply implemented the Federal law and removed the necessity for Federal inspection.

This view doesn't clear up the possibilities of expert messing up of State laws which aim to do with oleomargarin, liquor, and other things which are under the Federal wing in this or that respect of origin or use.

Farmer Alone Is Federal

The house has recommitted to its committee on agriculture a bill (H. R. 6359) to make cash payments to farmers who failed to make a crop during 1941 because of weather or insect damage. Although it was labeled a "defense" measure, the bill was debated all one day and then pigeonholed.

Most of the debate hinged on which members of Congress love the farmer the most and which represent the most patriotic and poverty-stricken agricultural regions, while there was some opposition on the ground that the Farm Security Administration is taking care of distressed farmers o.k. and another plan would be a slap at FSA, but apparently the reason for killing the bill was that it would benefit farmers in only a limited number of Congressional districts.

The bill proposed to direct the Agricultural Adjustment Administration to use any or all of its funds not needed for benefit payments to make cash payments to producers of cotton or tobacco who failed to make 40 percent of a normal crop, or to enable dairy farmers to buy feed in areas which did not produce a normal crop of hay.

Nobody is Federally bothering about the storekeeper whose shop gets burned down or the coalman who loses out because the weather in his community was not cold enough to use up all his stock.

Rubbering All Round

Something is going wrong with the government's big synthetic rubber program. Just what the trouble might be is very hush-hush, and the program is surrounded with even more secrecy than other war-production activities. Apparently there is a lot of wirepulling behind the scenes. At first Jesse Jones thought there would always be plenty of natural rubber available, then he launched a big synthetic program, now that seems to be bogging down, and he again says we will have plenty of the natural gum before long.

The rubber industry and the petroleum industry (which must furnish most of the raw materials) each wants to control the synthetic program. Advocates of rubber from gauyale, milkweed, dandelions, and other agricultural products want the money spent in developing such crops, and Brazil promises to beat all other estimates if the funds are diverted from synthetic plants to plantations on the Amazon.

There are rumors that two different congressional committees may start investigations of the whole rubber situation. At any rate, nobody in the government will say a word about synthetic rubber, and nobody knows of any new factories being started.

Consumers' WPB Role

What will happen to the consumer division of OPA now that Leon Henderson is the real boss with a statutory job is a question causing much gossip. It will be continued, but the dope is that it will be tied in with the operating divisions of OPA and will gradually drop a lot of unrelated activities, such as advising housewives on how to prepare wholesome menus.

Under such a set-up, the consumer division would have a hand in setting

—Continued on page 36

Government Agencies Increasé in Number

OPD Washington Bureau
February 4, 1942

The number of alphabetical agencies keeps growing with the war program, and while a few, such as OPM, have been dropped, the list has become appreciably longer since Pearl Harbor. There is no official, authentic, tribunal which decides what agencies are entitled to be known by what initials, but the habit is growing so that a lot of the older ones are now referred to by letters. It's getting to be a sort of an esoteric code, and if you don't know right away what a certain group of letters means it indicates that you are not up on government activities. For the benefit of laymen, here's the latest key to the code:—

AAA—Agricultural Adjustment Administration.
AEF—American Expeditionary Force (soldiers sent abroad).
ANMB—Army and Navy Munitions Board.
BACE—Bureau of Agricultural Chemistry and Engineering.
BAE—Bureau of Agricultural Economics.
BEW—Board of Economic Warfare.
BIR—Bureau of Internal Revenue.
BLS—Bureau of Labor Statistics.
CAA—Civil Aeronautics Administration.
CAB—Civil Aeronautics Board.
CCC—Civilian Conservation Corps.
CCC—Commodity Credit Corporation.

—Continued on page 56

Business Advisory Group Selects R.R. Deupree

OPD Washington Bureau
February 4, 1942

R. R. Deupree, president of the Procter & Gamble Company, Cincinnati, Ohio, has been elected chairman of the Business Advisory Council of the Department of Commerce for 1942.

R. R. Deupree

Among the vice-chairmen named was Walter C. Teagle, chairman of the board of Standard Oil Company of New Jersey.

Among the members of the executive committee are:—W. L. Batt, of

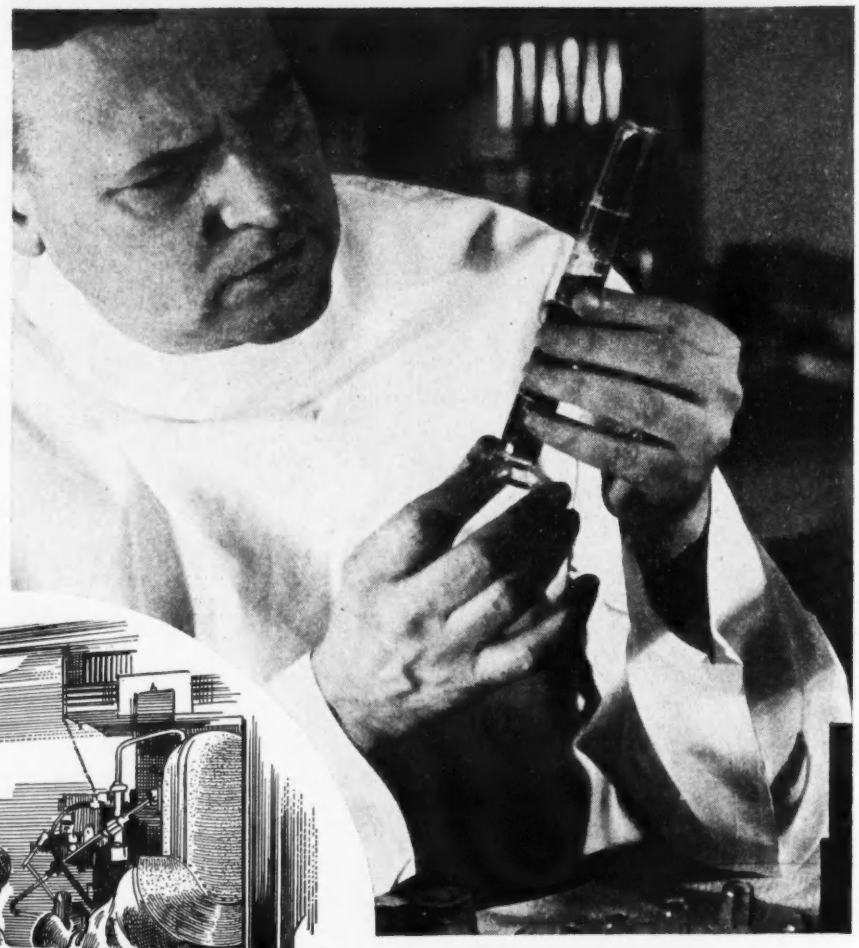
—Continued on page 39

Dyestuff Advisory Group Of War Board Formed

OPD Washington Bureau
February 5, 1942

The formation of a Dyestuff Manufacturers Industry Advisory Committee was announced today by the Bureau of Industry Advisory Committees of the War Production Board. Dr. Arnold L. Lippert of the Textiles, Clothing and Leather Goods Branch of the WPB has been designated government presiding officer. Committee members are:—

A. R. Chantler, E. I. du Pont de Nemours & Co., Wilmington, Del.; E. K. Halback, General Dyestuff Corporation, New York; S. C. Moody, American Cyanamid Company, Bound Brook, N. J.; Dr. H. B. Marshall, Ciba Company, New York; Jack Crist, Southern Dyestuff Corporation, Charlotte, N. C.; T. Thomas Roberts, Arnold Hoffman & Co., Providence, R. I., and C. M. Richter, Pharma Chemical Corporation, New York.



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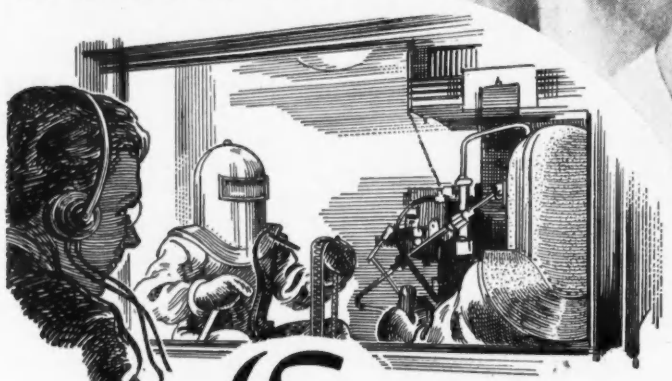

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REMEMBER ■ ■ ■ March 12, 1942 . . . Waldorf-Astoria . . . 17th Annual Drug and Chemical Trade Banquet . . . bigger and better than ever. Write—John C. Ostrom, Secretary, New York Board of Trade, 41 Park Row, New York, N. Y. Or phone—COrtlandt 7-1413.

Fats, Oils Price Ceilings Raised

OPD Washington Bureau
February 4, 1942

Revisions in fats and oils price schedule No. 53 are contained in amendment No. 2, issued today by Leon Henderson, Administrator, Office of Price Administration. The amendment becomes effective February 4.

Taking cognizance of the fact that the original order covered old lard made prior to October 1 last, OPA is allowing the addition of 1.895 cents per pound to the October price for new cash lard as a ceiling maximum. This brings the permissible ceiling figure for cash lard in tierces up to 12.695 cents per pound. This is .13-cent per pound below the now prevailing ceiling price permitted for May and July lard futures on the Chicago Board of Trade.

The new amendment also permits the addition of .675-cent to loose lard ceiling prices, making that maximum now 11.425 cents. On leaf lard, an addition of .49-cent is permitted, with the new ceiling 11.615 cents. An addition of .79-cent to the October 1, 1941, level is allowed for steam rendered pork fat, bringing the new ceiling to 11.325.

—*Continued on page* 43

Soybean, Peanut Oils Get Separate Price Ceilings

OPD Washington Bureau
February 4, 1942

Maximum prices on soybean and peanut oils are established in schedule No. 92, issued by the Office of Price Administration. The new amendment is effective February 4, 1942.

Ceilings on soybean oil are based on levels prevailing October 1, 1941 with an upward adjustment to conform with prices of competing oils and for other relevant factors. This adjustment is ¾-cent per pound. Peanut oil ceilings are based on levels prevailing October 1, 1941.

Previously, these oils were covered under the fats and oil schedule. OPA's decision to treat soybean and peanut oil separately has been made for administrative purposes. OPA will use the same methods of calculating the October 1 ceilings for each individual producer in soybean and peanut oils as they have used in the new fats and oil amendment.

Grasshopper Control Organized by U.S.

OPD Washington Bureau
February 4, 1942

The Department of Agriculture today announced creation of the Division of Grasshopper Control within the Bureau of Entomology and Plant Quarantine to supervise cooperative programs, with the States in control of grasshoppers, Mormon crickets, and chinch bugs. Leader of the new division is Dr. Claude Wakeland.

While programs of control of chinch bugs, Mormom crickets, and grasshoppers have been in operation for a number of years, this is the first time that the work has been unified under one division. Headquarters for this division will remain in Denver, Colo., where they have been since 1940.

AMA Personnel Parley Urges Industrial Peace

Chicago, Feb. 4, 1942

Maximum production for the war effort was the theme of the personnel conference of the American Management Association held here today.

The keynoter was Harold F. North, industrial relations manager for Swift & Co., who warned that industrial peace was "absolutely essential to maximum production." Industrial bickering has caused the United States to "flounder" in its efforts to reach all-out production, he said, and it will continue to "flounder" until the people of the country make it unpopular to jeapardize the war pro-

—*Continued on page* 50

Fischelis to Direct Civilian Health Supplies

Trenton, N. J., Feb. 3, 1942

The Board of Pharmacy of the State of New Jersey, with the approval of Governor Edison, has complied with the request of the Civilian Supply Division of the War Production Board

Dr. Robert P. Fischelis

to release Dr. Robert P. Fischelis, secretary and chief chemist of the pharmacy board and member of the New Jersey State Board of Health, for parttime service as chief of the Section of Medical and Health Supplies

—*Continued on page* 35

Soap, Glycerin Industry Advisory Group Formed

OPD Washington Bureau
February 4, 1942

Formation of a Soap and Glycerin Industries Advisory Committee was announced today by the Bureau of Industry Advisory Committees. The committee held its first meeting February 5 and discussed ways and means of securing maximum production of glycerin and other matters. Members of the committee are:—

R. R. Deupree, of the Procter & Gamble Company, Cincinnati, Ohio; F. A. Countway, Lever Brothers Company, Cambridge, Mass.; E. A. Moss, general manager, Swift & Co. Soap Works, Chicago; A. R. Robson, Fels & Co., Philadelphia; E. B. Hurlburt, The J. B. Williams Company, Glastonbury, Conn.; N. S. Dahl, John T. Stanley Company, New York; L. Webb, jr., Hunnewell Soap Company, Cincinnati; W. C. Hardesty, W. C. Hardesty Company, New York; J. S. MacIntosh, The Holbrook Manufacturing Company, Jersey City, N. J.; E. H. Little, Colgate-Palmolive-Peet Company, Jersey City, N. J.; Dan Flick, Armour & Co. Soap Works, Chicago; F. H. Merrill, Los Angeles Soap Company, Los Angeles, Calif.; H. D. Banta, Iowa Soap Company, Burlington, Iowa; Gordon Fulton, Beach Soap Company, Lawrence, Mass.; Russell H. Young, The Davies-Young Soap Company, Dayton, Ohio; R. H. Giebel, Harshaw Chemical Company, Cleveland; and Werner G. Smith, Werner G. Smith Company, Cleveland.

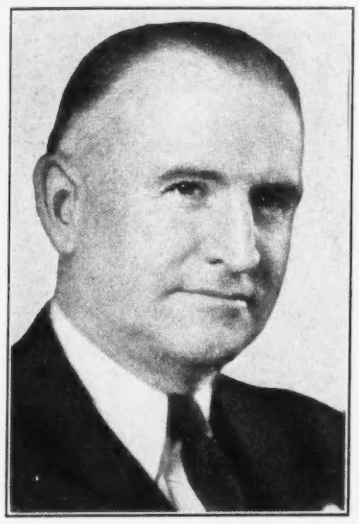
Pepper Price Maximums Changed February 3

OPD Washington Bureau
February 3, 1942

The Office of Price Administration, in amendment No. 1, effective February 3, to schedule No. 52, has announced that the new ceiling figure on Lampong black pepper is 6.50 cents per pound, or one-quarter cent less than the maximum named in the original schedule, issued December 11. The peak figure of 8.50 cents per pound on Alleppey black pepper remains unchanged. However, price ceilings on both Muntok white pepper and white small berries have been raised by one-half cent per pound to 11½ and 10½ cents per pound, respectively. OPA sources indicated that maximum prices for futures contracts for months, if any traded in after October, 1942, shall not exceed 6.63 cents per pound. New ceiling on March, 1942, pepper futures is placed at 6.35 cents per pound.

Federal Wholesale Druggists Discuss Problems of Supply

Problems of supplies for themselves, for their individual retailer members, and for the general public were discussed from governmental, national, war, industrial, and commercial angles in the midyear meeting of the Federal Wholesale Druggists Association, February 2 to 4, in this



H. M. Bradbury
F.W.D.A. President

city. Conditions make this topic one of serious import in all business circles. The many ramifications of the drug business aggravate this insofar as it is concerned.

The discussion of supplies was broadest at the first day's session in which the associate (manufacturer) members of the association joined with the wholesalers. The official views on how to make best use of supplies were presented by Col. George S. Brady, materials consultant, WPB Division of Civilian Supply. His theme and that of various other speakers was the importance of eliminating wasteful practices, especially the nonessential use of critical metals and other materials necessary in war. He also criticized ill-advised sales pushing which results in wasteful overstocking of dealers and consumers.

Savings Essential

In a general preface Colonel Brady, expressing the view that savings should be voluntary on the part of

John V. Powers
Chairman, F.W.D.A. Associates

business and not require governmental mandate, said:—

I am not ignoring the many fine things that industries have done during the last year to conserve materials and to produce substitutes to replace imported materials. The industrial laboratories of the country have been busy and have produced some wonderful things. But what we have done in 1941 is in small comparison with the task that lies before us. And in view of the strong position of our enemies, and the difficulties of shipping, I think that even yet the country is not alive to the seriousness of any misuse of materials for non-essential products.

He then went on to deplore the use of large quantities of tin in making collapsible tubes; the existence of excessive competition in brands; the unnecessarily large variety of sizes of many articles; the prescribing by physicians of excessive quantities of scarce drugs; and the use of critical materials to maintain high production of luxury articles.

A rap at overselling was taken by

—*Continued on page* 46

Narcotic Drug Purchases Held to 1940 Needs

OPD Washington Bureau
February 4, 1942

Wholesale dealers in narcotic drugs are requested to restrict their purchases of such drugs to current requirements and in no case to purchase more morphine, codeine or dionin during 1942 than was purchased during the year 1940 without first securing approval of the additional quantity from this office.

During the year 1941 there was considerable excess buying of narcotic items with its resultant storing and "freezing" of supplies which had been made available to the trade for current medical needs. In order to avoid a repetition of this condition all narcotic purchases are being restricted to actual current requirements. It is

—*Continued on page* 50

Hog Bristles Order M-51 Is Amended

OPD Washington Bureau
February 4, 1942

To further conserve supplies of pig's and hog's bristles, the War Production Board today issued an amendment to general preference order M-51. The amendment, which also directs bristle distribution, was signed by J. S. Knowlson, Director of Industry Operations.

The principal provision of the amendment makes it mandatory after February 7, 1942, for anyone using bristles in the manufacture of any product not meeting War or Navy Department specifications to use 45 percent of some other bristle mixture than that of pigs and hogs.

Further restrictions are placed by the amendment on the sale and delivery of hog's bristles and the use of bristles by dealers and manufacturers. The order also permits deliveries of reclaimed bristles to dealers and the Defense Supplies Corporation. It permits sorting operations, in order to remove bristles of less than the control length and to permit the manufacture of minimum inventories of war products, so that there will be no delay in supplying these orders.

Used Barrel, Drum Price Ceiling Changed

OPD Washington Bureau
February 2, 1942

Amendment No. 2 to schedule No. 43, covering used steel barrels and drums, became effective today, the Office of Price Administration announced. This amendment becomes effective February 2, 1942.

One of the features of the amendment is limitation of the ceiling to three classifications of barrels and drums only. These are the 50 to 58-gallon capacity; the 29 to 33-gallon capacity; and the 14 to 16-gallon capacity. These three sizes include 98 percent of all steel barrels and drums in use. No other capacities than these are covered by the ceiling as amended.

The ceiling price for raw used drums has been extended to any purchaser, instead of only the user and reconditioner as before. Definition of a reconditioned drum has been tight-

—*Continued on page* 57

The Man Who Leads a Triple Life

• • • *Experimenting and probing into the unknown of today*

• • • *for the scientific achievement of tomorrow*

• • • *and guided by the successes or failures of yesterday*

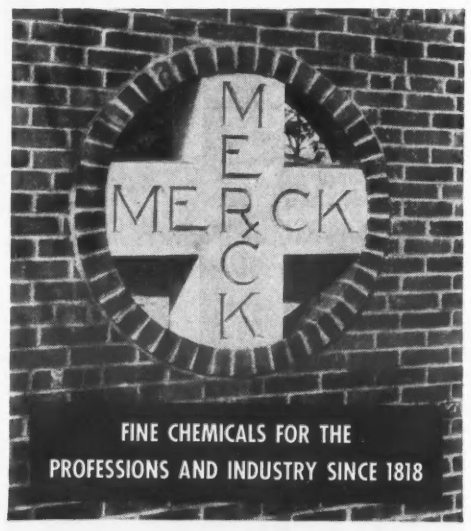
• • • *the Merck Research Chemist is constantly striving to develop new chemotherapeutic products, and to improve the efficacy of those now in use.*

In a never-ending battle against disease, this man carries on his intricate and delicate experiments in yet another world apart — an amazing world of test tubes, microscopes, retorts, and other laboratory apparatus, located only a few feet from the highways of everyday business and pleasure.

The research chemist diligently studies new means of combatting disease—hoping, testing, rejecting, perhaps a thousand times before success is achieved. Wrestling with nature, he also extracts from her the secrets of the vitamins, hormones, enzymes, and other substances which are so important in the fields of medicine and nutrition.

Slowly, steadily, research has gained ground against the ravages of disease. Much has been done, but much remains to be accomplished. And only by constant application can true progress be made so that the scientific dreams of the present may become the beneficial realities of the future.

In the endless battle to achieve that goal, Merck research chemists will continue to recognize their heritage of responsibility.



MERCK & CO. Inc. *Manufacturing Chemists* **RAHWAY, N. J.**

NEW YORK • PHILADELPHIA • ST. LOUIS • *In Canada:* MERCK & CO. Ltd., Montreal and Toronto

Current Market Quotations

February 6, 1942

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Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes, trends, and resale prices are noted in the market reports, with other informative comment. The locations of the several reports is indicated on page 4.

Defense Status of Materials

Application of SPAB regulations to materials listed below is indicated by superior figures as follows:—[1] Price Ceiling; [2] Price Suggestion or Agreement; [3] Full Priority Control; [4] Industry Control; [5] General Limitation Order; [6] Critical List (Army and Navy Munitions Board); [7] Allocation

A

Acacia (see Gum, arabic).

Acetaldehyde, 99%, dms., 55 and 110 gls., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
500-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —

Acetanilide, tech., cryst., bbls..lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls., 2,000-lb. lots. lb. .36 - —
smaller lots.....lb. .37 - —
dms., 25-lb. lots.....lb. .42 - —
kgs., 2,000-lb. lots.....lb. .37 - —
smaller lots.....lb. .38 - —
powd., bbls., 2,000-lb. lots..lb. .34 - —
smaller lots.....lb. .35 - —
dms., 25-lb. lots.....lb. .40 - —
kgs., 2,000-lb. lots.....lb. .35 - —
smaller lots.....lb. .36 - —

Acetoacetanilide, dms.....lb. .57½- .75½

Acetone, CP,[1,6] dms., c.l., dlvd.lb. .08½- .173
l.c.l., dlvd.....lb. .09 - .178
tanks, dlvd.....lb. .07 - .158
Methyl (see M).

* The term 'Eastern' territory means the States of New Mexico, Colorado, Wyoming, Montana and all States east thereof, and the term 'Western' territory shall mean all other States of the United States.

Acetonitrile, dms., works.....lb. 1.00 - 2.00

Acetophenone, cns., dms.....lb. 1.55 - 1.60

Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs., dms.....lb. 1.08 - —
25 lbs., dms.....lb. 1.10 - —

Acid, abietic, dms., c.l., f.o.b. all points in U.S. E. of and including Kans., Neb., N.D., Okla., S.D., Tex. E. of Austin and Brownsville..lb. .08¾- —

Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.38 - 3.63
cbys. cs.....100 lbs. 3.88 - 4.13
56%, bbls.....100 lbs. 5.58 - 5.83
cbys. cs.....100 lbs. 6.08 - 6.58
70%, bbls.....100 lbs. 6.68 - 6.93
cbys., cs.....100 lbs. 7.18 - 7.43
80%, bbls.....100 lbs. 7.47 - 7.72
cbys., cs.....100 lbs. 7.97 - 8.12
glacial, nat., CP, cbys.100 lbs.14.20 -14.45
99.5%, bbls.....100 lbs. 9.15 - 9.40
cbys. .....100 lbs. 9.65 - 9.90
tanks, works.....100 lbs. 6.93 - —
USP, cbys.....100 lbs.11.70 - —
synth., 99.5%, al. dms., wks., 100 lbs. 9.15 - 9.40
tanks, works.....100 lbs. 6.25 - 6.93
USP XI, al. dms., works, 100 lbs.10.95 -11.20
CP, dms., works.....100 lbs.14.20 -14.45
pure, 30%, bbls.....100 lbs. 4.44 - 4.69
cbys., cs.....100 lbs. 4.94 - 5.19
36%, bbls.....100 lbs. 4.86 - 5.11
cbys., cs.....100 lbs. 5.36 - 5.61
60%, bbls.....100 lbs. 7.60 - 7.85
cbys., cs.....100 lbs. 8.10 - 8.35
80%, bbls.....100 lbs. 9.26 - 9.51
cbys., cs.....100 lbs. 9.76 -10.01

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply delivered within the Metropolitan zones unless otherwise indicated in the above prices.

Acetic, anhydride,[2] dms., c.l., frt. alld..lb. .11¼- —
l.c.l., dms., frt. alld.....lb. .13 - —

Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 30 mesh, 200-lb. bbls. lb. .40 - —

Adipic, fib. dms., works.....lb. .31 - —

Anthranilic, resubl., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .20 - .22

Ascorbic, bots., dms.....oz. 1.65 - 1.85

Battery, cbys., c.l., E. works. 100 lbs. 1.60 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more. lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Acid, boric[2], tech., 99.5%, gran.. bulk, frt. alld..ton.95.50 - —
bgs., c.l., frt. alld...ton.99.00 - —
ton lots, ex whse...ton.111.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.108.00 - —
ton lots, ex whse..ton.120.00 - —
less than ton lots, ex whse..ton.125.00 - —
powd., bgs., c.l., frt. alld. ton.104.00 - —
ton lots, ex whse...ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld...ton.113.00 - —
ton lots, ex whse...ton.125.00 - —
less than ton lots, ex whse..ton.130.00 - —
USP $25 per ton higher.

Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .21 - —

Broenner's, bbls.....lb. 1.11 - —

Camphoric, cns.....lb. 6.95 - 7.00

Capric, dms.....lb. .21½- .22

Caproic, dms, works.....lb. .25 - .30

Caprylic, dms.....lb. .27 - .27½

Castor oil,[5] split, dms.....lb. .19¼- .19¾

Chlorosulphonic, dms., c.l., wks., lb. .03 - —
5-drum lots, works.....lb. .03½- —
single drums.....lb. .04½- —
tanks, works.....lb. .02½- —

Chromic,[2,5], 99%, dms., c.l., dlvd. N. Y..lb. .16¼- —
l.c.l., 5 tons, dlvd. N. Y. lb. .16¾- —
smaller quantities, dlvd. N. Y..lb. .17¼- .18¼

Cinnamic, refd., bots.....lb. 3.50 Nom.

Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt.. lb. .20½- —
smaller lots.....lb. .21 - —
anhydr., gran., dms., 10,000 lbs., one shipt..lb. .23 - —
smaller lots.....lb. .23½- .26½

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N.Y. Chicago and St. Louis deliveries are ½c. higher than N.Y.

Cleve's, bbls.....lb. .65 - —

Coconut oil,[5] dist., dms.....lb. .18½- .19

Cottonseed oil,[5] dist., dms...lb. .13¾- .14¼
tanks .....lb. .13¼- —

Cresylic (coaltar),[2,7], high-boil 50%, 210°-215°, dms., c.l., l.c.l., same basis....gal. .83 - .86
works, frt. equald..gal. .81 - .84
special blends (50%, 210°-215°), dms., c.l., works, frt. equald..gal. .81 - .84
l.c.l., same basis...gal. .83 - .86
low-boil (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .81 - .84
l.c.l., same basis...gal. .83 - .86
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .81 - .84
l.c.l., same basis...gal. .83 - .86
imported, pale, dms....gal. No prices

Diethylbarbituric (see Barbital).

Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 5 cbys. and over..lb. .11 - —
1-24 cbys.....lb. .11½- —

Fumaric, tech., special, bbls., ton lots..lb. .27 - —
smaller lots, bbls., dms...lb. .28 - .31

Gallic, tech., bbls.....lb. 1.10 - 1.13
NF VI, bbls., 200 lbs., 5 or more..lb. 1.27 - —
smaller lots.....lb. 1.30 - —
fib. dms., 25 lbs.....lb. 1.34 - —

Gamma, bbls.....lb. .85 - —

Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs.....lb. .15 - —
25 or 50-lb. demij.....lb. .21 - .23
5-lb. bots.....lb. .29 - —

H, bbls.....lb. .45 - —

Hydriodic 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —

Hydrobromic, 10% dilute, cbys., lb. .20 - —
concentrated, 34%, cbys....lb. .35 - —

Hydrochloric (see Muriatic).

Hydrocyanic, cyls, works....lb. .80 - 1.00

Hydrofluoric, 30%, bbls.....lb. .06 - .06½
rubber, dms.....lb. .08 - .08½
45%, lead, cbys.....lb. .12 - —
rubber, dms.....lb. .11 - —
52%, lead, cbys.....lb. .13 - —
rubber, dms.....lb. .12 - —
60%, lead, cbys.....lb. .14 - —
rubber, dms.....lb. .13 - —

Hydrofluosilic, 30-35%, 420 lbs., bbls..lb. .06 - .06½

Acid, hypophosphorus, USP, 30%, djns..lb. .75 - .80

Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works...100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works...100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.90 - —
l.c.l., works....100 lbs. 4.15 - —
cbys., works...100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works....100 lbs. 7.55 - —
cbys., works...100 lbs. 8.55 - —
50%, edible, 20 or more cbys..lb. 12¼- —
5 to 19 cbys.....lb. .13 - —
1 to 4 cbys.....lb. .13½- —
80%, bbls., cbys., 5 or more, lb. .24¼- —
1 to 4 cbys.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14¼- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —

USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55

Lauric, dist., tech., dms.....lb. .20 - .20½

Laurent's, bbls.....lb. .45 - —

Linseed oil,[5] light, dms.....lb. .17¾- .18¼

Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —

Malic, powd., kegs.....lb. .47 - —

Mandelic, dms., 1,000 lbs....lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.15

Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009

Molybdic, kegs, works.....lb. .95 - 1.10

Monochloracetic, tech., bbls..lb. .17 - —
purified, bbls.....lb. .20 - —

Monosulphonic, bbls.....lb. 1.50 - —

Muriatic, 18°, cbys., c.l., E., works..100 lbs. 1.50 - —
l.c.l., 25 and over, E., works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works...100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works...100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
CP, dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .19 - —

Myristic, dist., dms.....lb. .18 - .18¼

Naphthenic, dom., acidity 220-230, dms, c.l., works..lb. .10 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
235-245 acidity, dms. c.l., works..lb. .12 - —
l.c.l., works.....lb. .13 - —
tanks, c.l., works.....lb. .11 - —

Nicotinic, 100-lb. cpz.....lb. 7.15 - —
50-lb. cns.....lb. 7.25 - —
25-lb. cns.....lb. 7.30 - —
5-lb. bots.....lb. 7.46 - —
1-lb. bots.....lb. 7.50 - —
Nicotinic, amide, 25-lb. lots..lb.17.00 - —
5-lb. lots.....lb.17.25 - —

Nitric, 36°, cbys., c.l., E. works. 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works. 100 lbs. 5.50 - —
Western, works..100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 to 9, works...100 lbs. 7.45 - —

CP, USP, dealers, cbys....lb. .11¼- —
7-lb. bots.....lb. .21½- —
consumers, cbys.....lb. .12 - —
7-lb. bots.....lb. .22 - —

Oleum (see sulphuric fuming).

Oxalic,[1] dom., bbls., c.l., works, lb. .11¼- —
360 lbs. or over.....lb. .11½- —
smaller quantities.....lb. .12¼- .14½

Acacia—Acrylonitrile

Acid, palm oil, white, dist., dms., lb. .13 - .13½
tanks .....lb. .12¼- —

Paraminobenzoic, cns.....lb. 1.40 - —

Paranitrobenzoic, cns.....lb. .72 - —

Phenylacetic, bots.....lb. 1.65 - 1.90

Phosphoric, 50%, pure food grade, c.l., bbls., works, frt. equald.... 100 lbs. 4.00 - 4.25
cbys., works frt. equald., 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, wks., frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankwagon, dlvd., N. Y., Phila. Met. area..100 lbs. 4.00 - —
75% pure food grade, c.l., bbls., works, frt. equald., 100 lbs. 4.75 - 5.00
cbys., works, frt. equald., 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, wks., frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagons, dlvd., N.Y., Phila. Met. area..100 lbs. 4.75 - —

USP, 85%, s. g., 1,710 cbys., 180 lbs..lb. .12 - —
50%, s. g., 1,347, cbys., 70 lbs..lb. .10¼- —
dms., 25 lbs.....lb. .13 - —
10%, dilut., cbys., djns...lb. .07 - .07½

Picramic, kgs.....lb. .65 - .70

Picric, bbls.....lb. .35 - —

Propionate, synth, pure, 55-gal. dms., returnable, works..lb. .14 - —
tanks, works.....lb. .11 - —

Pyrogallic, tech., lump, powd., bbls..lb. 1.45 - —
cns. .....lb. 1.63 - —

USP, cryst., cns.....lb. 2.10 - —
resub., cns.....lb. 2.60 - —

Pyroligneous, bbls., dlvd. E.gal. .25 - —

Ricinoleic, com'l, split (see Acid, castor oil, split).
tech., dms., works.....lb. .32 - .37

Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .38

Sebasic, tech., bbls., works..lb. .82 - —

Soybean oil,[5] dist., dms.....lb. .18¾- .19¼

Stearic,[5] dist., double pressed, bgs., dlvd..lb. .15 - .16½
single pressed, bgs., dlvd...lb. .14½- .16
triple pressed, bgs., dlvd...lb. .17¾- .19¼
saponif., double pressed, bgs., dlvd..lb. .15¼- .16¾
triple pressed, bgs., dlvd...lb. .18 - .19½

Succinic, bbls.....lb. .75 - —

Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —

Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works. 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E., works.....ton.13.00 - —
66°, cbys., c.l., E. works. 100 lbs. 1.50 - —
l.c.l.,25 and over, works. 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E., works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06¼- —
9-lb. bots.....lb. .15½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .17 - —
fuming, 20%, tanks, E. works. ton.19.50 - —

Tannic, tech., bbls., dms.....lb. .71 - .73

USP, fluffy, bbls., 1,000-lb. lots..lb. 1.33 - —
100-lb. lots.....lb. 1.35 - —
25-lb. lots.....lb. 1.38 - —
powd., bbls., 1,000 lbs....lb. 1.13 - —
smaller lots.....lb. 1.15 - —

Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipt...lb. .70½- —
smaller quantities.....lb. .71 - —
kgs. .....lb. .71½- —

Tobias, bbls.....lb. .55 - .60

Trichloracetic, bots.....lb. 2.00 - 2.50

Tungstic, CP, 100-lb. pkg....lb. 2.94 - 3.10
pure, 100-lb. pkg.....lb. 2.86 - —

Aconite, leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.85 - 1.90

Aconitine, amorph., bots.....oz.28.00 -36.00
15-gr. vials.....vial. 1.60 - —
cryst., bots.....oz.42.00 -46.00
15-gr. vials.....vial. 1.60 - —

Acrylonitrile, dms., c.l.....lb. .34½- —
5,000 lbs. or more.....lb. .35 - —
1 ton to 4,999 lbs.....lb. .35½- —
1 dm. to 1 ton.....lb. .36 - —
tank cars.....lb. .34 - —

Adeps Lanae—Barytes

Adeps lanae, anhyd., dms.....lb. .33 - .35
hyd., dms.....lb. .32 - .34
Agar, Kobe No. 1, strip.....lb. 4.75 Nom.
Agaric, white, bls.....lb. No stocks
Albumen, blood, lark, flake, c.l., f.o.b. Chicago, frt. alld..lb. .12½- —
ton lots, frt. alld.....lb. .14 - —
bgs., same basis.....lb. .15 - .20
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .65 - .75
import., bgs.....lb. No prices
Egg, ed., dom., cryst., bbls..lb. 1.80 - 1.85
powd., dms., bbls.....lb. 1.85 - 1.90
import., cs.....lb. 1.80 - 1.85
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
normal, dms., l.c.l., works..lb. .42 - —
Tertiary, refd., dms., l.c.l., frt. alld..lb. .09 - —
Benzyl, cns.....lb. .65 - .75
drums.....lb. .63 - —
Butyl, normal,[1], dms., c.l., frt. alld..lb. .13½- .168
l.c.l., frt. alld.....lb. .14 - .173
tanks, frt. alld.....lb. .12½- .138

• The term 'Eastern' territory means the States of New Mexico, Colorado, Wyoming, Montana and all States east thereof, and the term 'Western' territory shall mean all other States of the United States.

secondary, dms., c.l., frt. paid E. of Miss. R..lb. .09¼- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08¼- —
tertiary, denaturing, c.l., dms., lb. .12½- —
l.c.l., dms.....lb. .13 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
Cinnamic, bots.....lb. 3.00 - 3.60
Denatured,[3,2,5], CD14, dms., c.l., dlvd., E..gal. .65 - —
l.c.l., dlvd., dms.....gal. .72 - —
tanks, E., dlvd.....lb. .58 - —

Prices for territories other than E. of Rockies are 15½c. per gal. less than Eastern works quotations. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1 190 pf., bbls., c.l., E. works..gal. .62 - —
19 bbls., E. works..gal. .64 - —
1 to 18 bbls., E. works, gal. .67 - —
dms., c.l., E. works...gal. .60 - —
19 dms., E. works...gal. .62 - —
1 to 18 dms.....gal. .65 - —
tanks, E. works.....gal. .53 - —

Anhydrous 3c. per gal. higher.

SD2B, dms., c.l., works, E. gal. .57 - —
19 dms., works, E...gal. .59 - —
1 to 18 dms., works, E. gal. .62 - —
tanks, E. works.....gal. .50 - —
SD23G, works, E., c.l., dms. gal. .63 - —
19 dms.....gal. .65 - —
1 to 18 dms.....gal. .68 - —
tanks .....gal. .56 - —

Prices for territories other than E. of Rockies are 15½c. per gal. less than Eastern works quotations.

SD23H, works, c.l., dms..gal. .59½- —
19 dms.....gal. .61½- —
1 to 18 dms.....gal. .64½- —
tanks .....gal. .52½- —
SD 29, denatured with acetaldehyde, dms., c.l., E. works..gal. .55 - —
l.c.l., 19 or more, E. works..gal. .61½- —
1-18, E., works....gal. .64½- —
tanks, E., works.....gal. .51 - —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works..gal. .61 - —
20 dms., to c.l.....gal. .63 - —
1 to 19 dms.....gal. .66 - —
tanks, E. works.....gal. .54 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., dlvd..lb. .11½- .14½
l.c.l., dlvd.....lb. .12 - .15
tanks, dlvd.....lb. .10½- .13½
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb. .10 - .12½
Ethyl, 190 pf., ex. molasses, dms., c.l..lb. 8.19 - —
19 dms.....gal. 8.22½- —
5 to 8 dms.....gal. 8.25½- —
1 to 4 dms.....gal. 8.25½- —
tanks .....gal. 8.12 - —
absolute, dms., c.l.....gal. 8.64 - —
19 dms.....gal. 8.67½- —
5 to 18 dms.....gal. 8.69½- —
1 to 4 dms.....gal. 8.69½- —

Ethyl alcohol in bbls. 2c. higher than dms.
Grain alcohol 25c. gal. higher.

Ethylhexyl, dms., c.l., works..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works. lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl (see Carbinol Isobutyl).
Isobutyl, refd., dms., works..lb. .0860- —
tanks, same basis.....lb. .0760- —
Isopropyl,[3] refd., 91%, dms., 5 gals., f.o.b. dest..gal. .66½- —
55 gals., c.l., same basis, gal. .40½- —
l.c.l., same basis...gal. .43¼- —
tanks, frt. alld.....gal. .34 - —
99%, dms., 5 gals., same basis..gal. .65 - —
55 gals., c.l., same basis, gal. .44 - —
l.c.l., same basis...gal. .47 - —
tanks, same basis.....gal. .37½- —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.10 - 2.50
Polyvinyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs.....lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .69 - —
less than 2,000 lbs.....lb. .65 - —
Propyl, normal, dms., works, gal. .67 - .70

Octyl (see Ethylhexyl alcohol).

Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N.Y.lb. .44 - —
450-lb. lots, same basis...lb. .50 - —
cns., f.o.b. Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat., grade., dms., tanks, works..gal. .70 - .72
Aldol, 55 and 110-gal. dms., c.l., works..lb. .12 - —
l.c.l., works.....lb. .13 - —
5-10-gal. dms., works...lb. .15 - —
Aletris root, bgs.....lb. .55 - .58
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. 1.75 - 1.80
Allspice, Mexican, bgs.....lb. .14½- .15
Alpha tocopherol, ampules, per gram. 1.00 - 1.50
Aloe, Cape, cs.....lb. .18 - .19
Curacao cs.....lb. .68 - .70
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .58 - .60
Aloin, 140-lb. bbls.....lb. 5.45 - —
100-lb. kgs.....lb. 5.47 - —
25-lb. fib. dms.....lb. 5.54 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, whole, bbls.....lb. .85 - .90
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, dlvd., N.C. price apply to truck or ex warehouse.

Potash, gran., bbls., works.... 100 lbs. 4.25 - —
dlvd., N. Y., Phila...100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phila...100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phila...100 lbs. 4.65 - —

Potash alum prices on same basis as those for ammonia alum.

Chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, solut., 24%, l.c.l., bbls., 10 or over, dlvd..lb. .10½- —
1 to 9, dlvd.....lb. .11 - —
normal, solut., 20%, bbls., l.c.l., 10 or over, dlvd., lb. .09½- —
1 to 9, dlvd.....lb. .10 - —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 375 lbs., works..lb. .11 - —
100 lbs. or less, works..lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- 06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Hydrate, heavy, bbls., c.l., works..lb. .0340- —
l.c.l., bbls., works.....lb. .04 - —
bgs., c.l., works.....lb. .0310- —
light, bgs., c.l., dlvd.....lb. .14 - —
l.c.l., bgs., dlvd.....lb. .14½- —
bbls., c.l., dlvd.....lb. .14½- —
l.c.l., bbls., dlvd.....lb. .15 - —
Oleate, dms., contract.....lb. .17¼- —
open order.....lb. .17½- .20
Palmitate, precip., bbls.....lb. .25 - .26
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald. 100 lbs. 1.40 - 1.50
bbls., c.l., works....100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron free, bgs., c.l., works. 100 lbs. 1.75 - 1.85
l.c.l., works.....100 lbs. 2.00 - 2.10
bbls., c.l., works.....100 lbs. 1.95 - 2.05
l.c.l., works.....100 lbs. 2.20 - 2.30
Aluminum, 98-99%, [3,2,4], c.l....lb. .15 - —
l.c.l. .....lb. .16 - —
paste, lining, extra fine, dms., 200 lbs..lb. .56 - —
standard, dms., 200 lbs.....lb. .38 - —
Powder, lining, extra fine, dms., 200 lbs..lb. .93 - —
standard, dms., 200 lbs.....lb. .59 - —
litho, lining, dms., 200 lbs..lb. .57 - —
unpolished, dms., 200 lbs..lb. .36 - —
varnish, standard, dms., 200 lbs..lb. .40 - —

Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; for containers, smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ¼ lb. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz.17.00 -18.00
Aminomethylpropanol, dms., wks., lb. .50 - —
5 and 10-gal. cans, works..lb. .60 - —
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.25 - —
Ammonia, anhydrous[3], fertilizer, f.o.b. Belle, W. Va., frt. equal with Hopewell, Va..ton.90.00 - —
refrigeration[3], tanks, works. lb. .05 - —
pure, cycls., dlvd., met. N.Y. lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH3 content), f.o.b. works..lb. .04 - —
Benzoate, U.S.P., dms., kgs., 4,000 lbs. or more..lb. 1.06 - —
1,000 lbs. to 3,900 lbs.....lb. 1.07 - —
900 lbs. or less.....lb. 1.10 - —
Bicarbonate, dms., dlvd Met. N...lb. .0564-.0614
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .15½- .18
Borate, bbls., kgs.....lb. .15 - .16
Ammonia, bromide, gran., bbls. lb. .31 - .35
bxs. .....lb. .34 - .38
kegs .....lb. .32 - .36
Carbonate, lump, dms., dlvd. Met. N.Y..lb. .08¾- .09¼
cns., same basis.....lb. .14¼- —
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .13
100-lb. kgs.....lb. .15 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
25-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .84 - .85
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua)
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate, kgs., works.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works.... 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .23 - .29
Perchlorate, kgs.....bl. .55 - .65
Persulphate, kgs., dom.....lb. .21 - .23
Phosphate, dibasic, NF V, bls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
monobasic, crude (fert. grade), 11% N., 48% phos., bulk, f.o.b. E. works..unit-ton. No prices
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Silicofluoride, bbls.....lb. .15 Nom.
Stearate, anhydrous.....lb. .24½- —
paste .....lb. .06½- —
Sulphate[2], dom., bulk, c.l., contr., f.o.b. cars, ports, July-Dec. shipt..ton.20.00 - —
spot, same basis.....ton.30.00 - —

Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.

Sulphide, liquid, 40-45%, basis, 100%, dms., c.l., works. lb. .07½- —
l.c.l., dlvd.....lb. .08 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, C.P., dms....lb. .45 - .55
tech., kgs.....lb. .40 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l. 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works—100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .14¼- .17
l.c.l., dlvd.....lb. .15 - .17½
tanks, dlvd.....lb. .13¼- .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15¼- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caporate, cns.....lb. 2.75 - —
Chlorides, mixed, tech., dms.,c.l. lb. .07 - —
l.c.l. .....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08½- —
Naphthalenes, mixed, crude, l.c.l., dms., works..lb. .14 - —
refd., l.c.l., dms., works..lb. .16 - —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works. lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .31 - —
Salicylate, 5-lb. bots.....lb. .85 - —
Stearate, dms., l.c.l., works..lb. .32½- —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.30 - 1.35
cans .....lb. 1.20 - 1.25
Angelica root, dom., bls.....lb. .55 - .60
import., natural, bls.....lb. No stocks
Angostura, bark, bls.....lb. .25 - .30
Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Cyprus, bgs.....lb. .39 - .41
Mexican, fair, bgs.....lb. .36 - .37
Spanish, bgs.....lb. .40 - .41
Star .....lb. .38 - .39
Turkish, bgs.....lb. .39 - .40
Anisic aldehyde, bots.....lb. 3.25 - 3.35
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06 - .06½
Anthracene, 80-85%, bbls., wks lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls. lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[2,4,5] spot.....lb. .14 - —
Needle, brown, Bolivian, 67%. lb. .18½- —
Chinese, black, 70%.....lb. .20 - .22
Oxide, bgs., c.l.....lb. .15 - —
l.c.l. .....lb. .16½- —
Salt, 65%, dms., dlvd. E. of Miss. River..lb. .36 - —
bbls., same basis.....lb. .34 - —
Antipyrene, bbls., kgs., ton lots. lb. 2.00 - —
smaller, lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Archil extract, bbls.....lb. .26 - —
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide, bots..oz.11.25 -11.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, f.o.b. Spanish ports...100 kilos.105.00 - —
Argentine, f.o.b. N. Y..kilo.132.00 - 134.00
Arnica flowers, bls.....lb. 4.00 - 4.25
Root, bls.....lb. 1.25 - 1.45
Arrowroot, St. Vincent, powd., bgs..lb. .10¼- .10¾
bbls. .....lb. .09¼- .09½
Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots..lb. 5.58 - —
jars .....lb. 5.43 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .65 - .70
powd., bbls., bxs.....lb. .80 - .85
Asbestine (see Talc, N.Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines..ton.49.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.44.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.33.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.28.50 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.26.50 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.22.50 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.19.00 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.16.50 - —
7R, bgs., c.l. (30 tons), Canad. mines..ton.15.50 - —
Asphaltum, Manjak No. 10, crude, 20 tons, f.o.b. plant..lb. .04½- —
smaller lots, f.o.b. plant.lb. .05½- —
process form, bgs., 20 tons, f.o.b. plant..lb. .05 - —
smaller lots, f.o.b. plant. lb. .06 - —
California, dms., c.l., f.o.b. N.Y. ton.20.00 - —
l.c.l., f.o.b. N.Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b. N.Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N.Y..ton.35.00 - —
l.c.l., f.o.b. N.Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N.Y.....lb. .15 - —
Gilsonite, brilliant black, selects, bgs., c.l., Western shipt. point..ton.32.90 - —
seconds, bgs., c.l., Western shpt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b. N.J. or N.Y. whse..ton.58.00 - —
jet, bgs., c.l., Western shipping points..ton.30.50 - —
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .12 - —
dms., c.l., E. cst., refinery.gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery....gal. .06½- —
N. Orleans, refinery...gal. .06 - —
Atronine, bots.....oz.24.50 - —
Sulphate, bots.....oz.18.75 - —

B

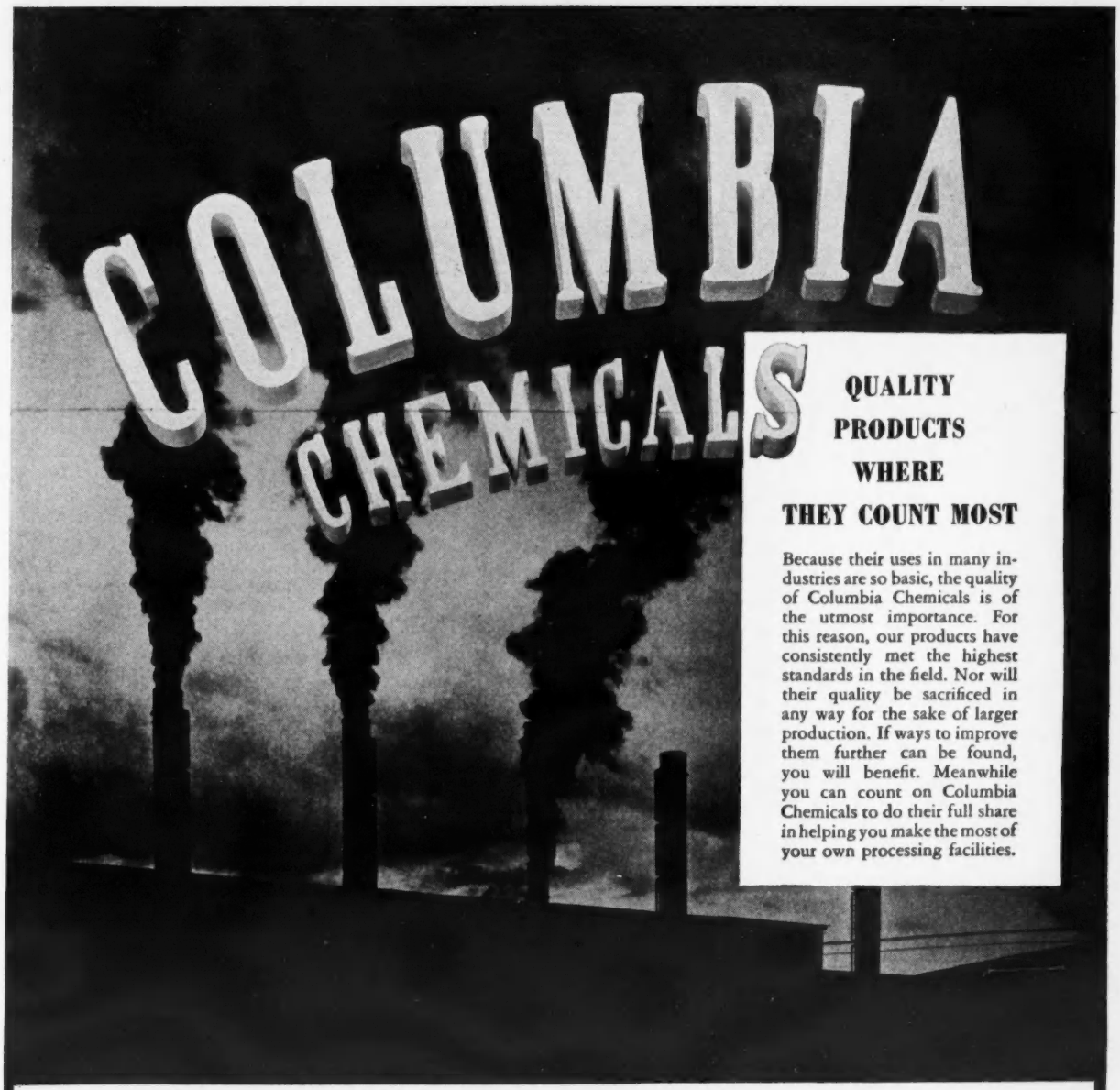
Balm of Gilead buds, bgs.....lb. .75 - .80
Barbasco root (see cubic root).
Barberry bark, bgs.....lb. .78 - .80
Tree bark, vls.....lb. No stocks
Barbital, cs.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.55.00 - —
l.c.l., works.....ton.60.00 - —
bbls., c.l., works.....ton.60.00 - —
l.c.l., works.....ton.65.00 - —
Sulphur-free, c.l., works..ton.60.00 - —
l.c.l., works.....ton.65.00 - —
Chlorate, kgs.....lb. .60 - —
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Miss., north of Ark. line. ton.77.00 - —
bbls., same basis...ton.79.00 - —
l.c.l., bgs., same basis.. ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla.ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis. ton.94.00 - —
bbls., same basis...ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz.. ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis. ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis.. ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .10½- .11½
Oxide, ungrd., dms., c.l., works. lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluorde, bbls.....lb. .15 - .17
Sulphate, teca. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., contr., St. Louis..ton.27.65 - —
spot, same basis...ton.27.65 - —
l.c.l., contr., same basis. ton.28.65 - —
spot, same basis...ton.28.65 - —
ex whse, N.Y.....ton.36.00 - —
paper bags, c.l., contr., St. Louis..ton.25.35 - —
spot, same basis...ton.25.35 - —
l.c.l., contr., same basis. ton.26.35 - —
spot, same basis...ton.26.35 - —
ex whse., New York.ton.34.00 - —
Southern, off color, bgs., mines. ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
ore, bulk, mines.....ton. 8.00 - —

Barytes, German, grd., bbls., c.l., dock, t.a.	ton.	No prices
l.c.l., ex whse	ton.	No prices
ungrd., bulk, c.l., ex dock	ton.	No prices
Italian, grd., bbls., c.l., ex dock, t.a.	ton.	No prices
l.c.l., ex whse	ton.	No prices
Bauxite, bulk, mines	**ton.**	**7.00 -10.00**
Bay leaves (see Laurel leaves).		
Bay Rum, bbls	**gal.**	**.83 - .90**
Bayberry bark, bgs	**lb.**	**.12 - .13**
Belladonna leaves, bls	**lb.**	**3.45 - 3.50**
Root, bls	**lb.**	**2.35 - 2.40**
Bentonite, 200 mesh, bgs., Wyo., works	**ton.**	**11.00 - —**
325 mesh, bgs., Wyo., works.	**ton.**	**16.00 - —**
Benzaldehyde, tech., cbys., dms.	**lb.**	**.45 - .55**
N.F. VI, dms., 50 to 100 lbs.	**lb.**	**.85 - —**
5 to 25 lbs	**lb.**	**.90 - .95**
Benzene (see Benzol).		
Benzidin base, bbls	**lb.**	**.70 - —**
Benzocaine, cns	**lb.**	**3.00 - —**
Benzol, 2, 90%, dms., returnable, works	**gal.**	**.20 - —**
tankcars, frt. alld. E. of Omaha	**gal.**	**.15 - —**
W. Coast, f.o.b. Minnequa, Colo.	**gal.**	**.15 - —**
tanks, frt. alld. E. of Omaha up to 2c. per gallon.		
Benzophenone, dms	**lb.**	**1.20 - 1.25**
Benzoyl chloride, cbys	**lb.**	**.23 - .28**
Peroxide, pure, gran., fib. ctns., works	**lb.**	**1.95 - —**
Benzyl acetate, f.f.c., cns	**lb.**	**.59 Nom.**
dms.	**lb.**	**.55 Nom.**
Alcohol (see Alcohol, benzyl).		
Benzoate, a.m.a., f.f.c., cns.	**lb.**	**.95 Nom.**
dms.	**lb.**	**.90 Nom.**
Chloride, cbys., frt. equald.	**lb.**	**.22 - .24**
Cinnamate, cns	**lb.**	**5.50 Nom.**
Formate, cns	**lb.**	**3.50 - 3.75**
Isoeugenol, bots	**lb.**	**9.50 - —**
Propionate, bots	**lb.**	**2.25 Nom.**
Salicylate, bots	**lb.**	**1.80 Nom.**
Benzylidineacetone, bots	**lb.**	**No prices**
Berberine bisulphate, cns	**lb.**	**22.50 -38.50**
Hydrochloride, cns	**lb.**	**22.50 -38.50**
Sulphate, cns	**lb.**	**22.50 -38.50**
Berberis root, bls	**lb.**	**.13 - .14**
Betanaphthol, sublim., kgs.	**lb.**	**.55 - —**
tech., bbls., c.l., works	**lb.**	**.23 - —**
l.c.l., bbls., works	**lb.**	**.24 - —**
Benzoate, fib. dms	**lb.**	**2.50 - —**
kgs.	**lb.**	**2.70 - —**
Betanaphthylamine, tech., kgs.	**lb.**	**.51 - —**
Beth root, bls	**lb.**	**.35 - .40**
Bismuth chloride, 5-lb. bots.	**lb.**	**3.00 - —**
jars	**lb.**	**2.83 - —**
Citrate, USP, VIII, 5-lb. bots.	**lb.**	**2.86 - —**
jars	**lb.**	**2.75 - —**
Hydroxide, 5-lb. bots	**lb.**	**3.46 - —**
cns.	**lb.**	**3.35 - —**
Metal, ton lots	**lb.**	**1.25 - —**
Nitrate, cryst., 5-lb. bots.	**lb.**	**1.45 - —**
cns.	**lb.**	**1.30 - —**
Oxychloride, 5-lb. bots.	**lb.**	**3.19 - —**
cns., kgs.	**lb.**	**3.10 - —**
Subbenzoate, 5-lb. bots.	**lb.**	**3.51 - —**
fib. dms	**lb.**	**3.40 - —**
Subcarbonate, bots., cns.	**lb.**	**1.59 - 1.85**
175-lb. bbls	**lb.**	**1.50 - —**
Subcarbonate, X-ray, 5-lb. bots.	**lb.**	**2.79 - —**
fib. dms	**lb.**	**2.73 - —**
Subgallate, bots., cns	**lb.**	**1.49 - 1.72**
fib. dms	**lb.**	**1.40 - —**
Subiodide, bots	**lb.**	**4.24 - —**
fib. dms	**lb.**	**4.13 - —**
Subnitrate, powd., bots., cns.	**lb.**	**1.29 - 1.57**
250-lb. bbls	**lb.**	**1.20 - —**
Subsalicylate, 60-66%, bots.	**lb.**	**2.59 - —**
bbls., fib. dms	**lb.**	**2.50 - —**
Sulphocarbolate, 5-lb. bots.	**lb.**	**3.76 - —**
fib. dms	**lb.**	**3.65 - —**
Trioxide, powd., 5-lb. bots.	**lb.**	**3.76 - —**
cns.	**lb.**	**3.65 - —**
Bismuth ammonia, citrate, USP, powd., 25-lb. dms.	**lb.**	**3.40 - —**
5-lb. cns	**lb.**	**3.45 - 3.50**
Black,[3] acetylene, c.l., works, duty paid	lb.	.14 - —
Bone, 1A, c.l.	lb.	.17 - —
l.c.l.	lb.	.17½- —
3, c.l.	lb.	.12 - —
l.c.l.	lb.	.12½- —
4, c.l.	lb.	.11 - —
l.c.l.	lb.	.11½- —
5, c.l.	lb.	.08½- —
l.c.l.	lb.	.09 - —
6, c.l.	lb.	.08½- —
l.c.l.	lb.	.09 - —
7, c.l.	lb.	.11½- —
l.c.l.	lb.	.12 - —
8, c.l.	lb.	.12½- —
l.c.l.	lb.	.13 - —
Bone black prices are for barrels or bags, freight allowed East. Pacific Coast prices are 1½c. per lb. higher, ex dock or ex whse.		
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants	lb.	.03625- —
l.c.l., bgs. or cartons, f.o.b. whse	lb.	.08 - —
dlvd.	lb.	.08 - —
beads, compressed, bgs., c.l., f.o.b. plants	lb.	.03550- —
l.c.l., bgs. or cartons, f.o.b. whse	lb.	.07½- —
dlvd.	lb.	.07½- —
bulk, cars, c.l., f.o.b. plants.	lb.	.0330- —
Charcoal (see C).		
Graphite (see G).		
Iron oxide, magnetic, pure, bbls., l.c.l., works	lb.	.08½- —
Lamp, dom., 1, ctns., c.l., works	lb.	.07 - —
l.c.l., works	lb.	.08 - —
2, ctns., c.l., works	lb.	.09 - —
l.c.l., works	lb.	.10 - —
2A, ctns., c.l., works	lb.	.11 - —
l.c.l., works	lb.	.12 - —
3, ctns., c.l., works	lb.	.13 - —
l.c.l., works	lb.	.14 - —
4, ctns., c.l., works	lb.	.15 - —
l.c.l., works	lb.	.16 - —
5, ctns., c.l., works	lb.	.17 - —
l.c.l., works	lb.	.18 - —
6, ctns., c.l., works	lb.	.24 - —
l.c.l., works	lb.	.25 - —
7, ctns., c.l., works	lb.	.34 - —
l.c.l., works	lb.	.35 - —
Mineral, vine type, bbls., l.c.l., f.o.b. works	lb.	.0434- —
Vine, A, bbls., works or N. Y.	lb.	.04½- .05
B, bbls., works or N. Y.	lb.	.05¾- —
kegs, f.o.b. N. Y.	lb.	.06 - —
dms., c.l., frt. alld.	lb.	.09½ Nob.
Black dyes are listed under Dyes.		
Black Haw root bark, bls	lb.	.40 - .45
Tree bark, bls	lb.	.21 - .22
Black Indian hemp root, bls.	lb.	.23 - .26

Blanc fixe, dry, by-product, bgs., c.l., works	ton.	60.00 - —
l.c.l., works	ton.	67.50 - —
direct process, bgs., c.l., f.o.b. Huntington, W.Va.	ton.	70.00 - —
bbls., same basis	ton.	75.00 - —
l.c.l., bgs., same basis	ton.	75.00 - —
bbls., same basis	ton.	80.00 - —
pulp, 66⅔%, bbls., c.l., works.	ton.	40.00 - —
l.c.l., works	ton.	46.50 - —
Bleaching powder,[2] dms., c.l., works	100 lbs.	2.25 - 3.10
l.c.l., works	100 lbs.	2.50 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton.		5.25 - —
high-grade, grd., 16-17 ammon, bulk, f.o.b. Chicago, unit-ton.		5.40 - —
Import, bgs., c.i.f. ports, shipt., unit-ton.		5.00 - —
soluble (see Albumen, blood).		
Bloodroot, lbs	**lb.**	**.40 - .41**
Blue,[2] alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	.85 - .90
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.		
Blue, bronze, bbls., same basis, contracts	lb.	.36 - —
Celestial, bbls	lb.	.10 - .12
Chinese, bbls., same basis, contracts	lb.	.36 - —
Cobalt, genuine 1-kilo pkg.	lb.	4.90 - —
Imitation (see Blue, ultramarine).		
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld.	lb.	3.30 - 3.75
Milori, bbls., same basis, contracts	lb.	.36 - —
Molybdated, Victoria, same basis, contracts	lb.	3.15 - —
Peacock, same basis, contracts,	lb.	.52 - —
Potash, dom., bbls., same basis, contracts	lb.	.42 - —
Prussian, bbls., same basis, contracts	lb.	.36 - —
Tungstated, peacock, kgs.	lb.	4.00 - —
Victoria, kgs.	lb.	3.30 - —
methyl violet, kgs.	lb.	2.10 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equald.	lb.	.22 - .24
jobbing grades, bbls., same basis.	lb.	.11 - —
regular grades, bbls., same basis.	lb.	.16 - .17
Blue, ultramarine, dlvd., ex whse., is 1c. higher; Pac. Coast, ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes, 5c. above bbls.		
Victoria, ink toner, bbls., same basis alkali toner.	lb.	1.83 - —
synthetic vehicle, bbls., same basis.	lb.	1.93 - —
Blue dyes are listed under Dyes.		

Barytes—Borax

Blueflag root, bls	lb.	.25 - .28
Blue mass, USP, cns., tubs.	lb.	1.67 - 1.84
powd., bots., cns., dms.	lb.	1.70 - 1.84
Bluestone (see Copper sulphate).		
Blue vitriol (see Copper sulphate).		
Bone, raw, dom., 4-2½% ammon., 50% phos., bgs., f.o.b. Chicago	ton.	39.00 -40.00
import, bgs., c.i.f. ports	ton.	37.50 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago	ton.	38.00 -39.00
import, bgs., c.i.f. ports	ton.	37.50 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.).		
Bones, steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago	ton.	40.00 -41.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports	ton.	42.00 - —
Boneset leaves, bls	lb.	.12 - .13
Borage flowers, bls	lb.	.40 - .95
Borax,[2] tech., 99½% gran., bulk, c.l., frt. alld.	ton.	41.50 - —
bgs., c.l., frt. alld.	ton.	45.00 - —
ton lots, ex whse	ton.	56.00 - —
less than ton lots, ex whse.	ton.	61.00 - —
bbls., c.l., frt. alld.	ton.	54.00 - —
ton lots, ex whse.	ton.	65.00 - —
less than ton lots, ex whse.	ton.	70.00 - —



QUALITY PRODUCTS WHERE THEY COUNT MOST

Because their uses in many industries are so basic, the quality of Columbia Chemicals is of the utmost importance. For this reason, our products have consistently met the highest standards in the field. Nor will their quality be sacrificed in any way for the sake of larger production. If ways to improve them further can be found, you will benefit. Meanwhile you can count on Columbia Chemicals to do their full share in helping you make the most of your own processing facilities.

ESSENTIAL INDUSTRIAL CHEMICALS

SODA ASH • CAUSTIC SODA • SODIUM BICARBONATE • LIQUID CHLORINE
SILENE • CALCIUM CHLORIDE • SODA BRIQUETTES • MODIFIED SODAS
CAUSTIC ASH • PHOSFLAKE • CALCENE • CALCIUM HYPOCHLORITE

COLUMBIA COLUMBIA CHEMICALS

PITTSBURGH PLATE GLASS COMPANY
Columbia Chemical Division
30 ROCKEFELLER PLAZA
NEW YORK, N.Y.
Chicago • Boston • St. Louis • Pittsburgh • Cincinnati • Cleveland • Minneapolis • Philadelphia • Charlotte

Borax—Copra

Borax, tech., 99½%, powd., bgs., c.l., frt. alld..ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less than ton lots, ex whse..ton.66.00 - —
bbls., c.l., frt. alld....ton.59.00 - —
ton lots, ex whse....ton.70.00 - —
less than ton lots, ex whse..ton.75.00 - —
USP $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., delears, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. and over, no trucking or freight allowances for works or warehouse pickups.
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, 100-lb. lots, bots..lb. 1.50 - —
l.c.l. ..lb. 1.42 - —
chys. ..
Bromstyrol ..lb. 3.75 - 4.00
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtops, bls..lb. .15 - .16
Brown,[2] iron oxide, pure precip., cks., f.o.b. N.Y..lb. .12 - —
Metallic, iron oxide, bbls., wks., lb. .02¾- —
paper bgs., c.l., works.....lb. .0260- —
Sap, crystals, dom., works...lb. .12 - —
powdered ..lb. .13 - —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03½- .06
Italian, Amer. replacement type, bbls., f.o.b. works, lb. .08¾- .10¾
raw, American, bbls., f.o.b. works..lb. .03¼- .05¾
Italian, Amer. replacement type, bbls., f.o.b. works, lb. .08 - .10
Umber, American, bbls., works, lb. .03¾- —
Turkey-type, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N.Y..lb. .04¾- —
St. Louis..lb. .05¼- —
ex car, Los Angeles...lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse., Los Angeles, lb. .05¾- —
Portland, San Francisco, Seattle—lb. .05¾- —
Boston ..lb. .04¾- —
Chicago, Indianapolis, New Orleans..lb. .05¼- —
Kansas City..lb. .05¾- —
Minneapolis ..lb. .0535- —
Pittsburgh ..lb. .05 - —
Vandyke, regular, bbls., l.c.l., works..lb. .09 - —
special ..lb. .12 - —
Brucine, 100 oz., cns.....oz. .35 - —
Sulphate, 100 oz., cns.....oz. .30 - —
Bryonia root, bls..lb. 1.25 - 1.30
Buchu leaves, bls..lb. .80 - .82
Buckthorn bark, true, bls.....lb. .80 - .85
cut and sifted, bbls.....lb. .85 - .90
Berries, bgs..lb. 1.35 - 1.40
Burdock root, bls..lb. .40 - .45
Burgundy pitch, dom., dms...lb. .06 - .06½
Butane[1], industrial grade, tanks, group 3..gal. .02½- —
Butternut bark, bls..lb. .07 - .08
Butyl acetate[2], norm., dms., c.l., frt. alld..lb. .14½- .168
l.c.l., frt. alld..lb. .15 - .173
tanks, frt. alld..lb. .13½- .158
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .09½- —
dms., l.c.l., same terms..lb. .10 - —
tanks, same terms..lb. .08½- —
Alcohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works..lb. .16½- —
tanks, works..lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .60 - —
Chloride, normal, dms., c.l., works..lb. .25 - —
l.c.l. ..lb. .28 - —
Ether (see under Ether).
Lactate, dms..lb. .26½- —
Propionate, dms., divd.....lb. .16½- .17
tanks ..lb. .15½- —
Stearate, dms..lb. .31 - —
Butyric ether, bots..gal. 6.50 - 6.95
cns., works..lb. .65 - .70
dms., frt. alld. Met. N.Y...lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.65 - 1.66
single jars..lb. 1.70 - —
5-lb. bots..lb. 1.84 - 1.91
Iodide, 5-lb. bots..lb. 4.23 - —
25-lb. cans..lb. 4.09 - —
Lithopone (see Yellow).
Metal, [1,4,6] pat., shapes, cs., divd..lb. .95 - —
ingots or sticks..lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).
Caffeine, 10,000 lbs. or more, 100-lb-dms..lb. 2.60 - —
25-lb. dms..lb. 2.63 - —
10-lb. cns..lb. 2.65 - —
2,000 lbs. or more, 100-lb. dms. lb. 2.65 - —
25-lb. dms..lb. 2.68 - —
10-lb. cns..lb. 2.70 - —
1,000 lbs. or more, 100-lb. dms. lb. 2.70 - —
25-lb. dms..lb. 2.73 - —
10-lb. cns..lb. 2.75 - —
100 lbs. or more, 100-lb. dms..lb. 2.80 - —
25-lb. dms..lb. 2.83 - —
10-lb. cns..lb. 2.85 - —
less than 100 lbs., 10-lb. cns. lb. 3.15 - —
Citrated, bots..lb. 2.30 Nom.
Hydrobromide, bots..lb. 5.29 - 5.37
Calabar beans, bgs..lb. .35 - .40
Calamus root, peeled, N.F., cs. lb. No stocks
bleached, bls..lb. No stocks
dom., natural, bls..lb. .40 - .45
Calcium acetate, bgs., dlvd.... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l.....lb. .06½- .07½
l.c.l. .....lb. .06¾- .07¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowances for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equald..lb. .65 - —
50 lbs., works..lb. .67 - —
25 lbs., works..lb. .70 - —
Carbide, dms., c.l.,dlvd..100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse..100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, paper bgs., 77-80%, c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd....ton.21.50 -25.50
5-ton lots..ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.18.00 -34.50
l.c.l., 15 tons, dlvd...ton.21.45 -25.45
5-ton lots..ton.28.45 -40.95
Calcium chloride c.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags, and drums $3.50 per ton over paper bags.
Gluconate, USP, gran., 150-lb. bbls..lb. .52 - —
dms. ..lb. .57 - .59
cns. ..lb. .70 - —
Powd., 2c. per lb. lower.
Glycerophosphate, fib. dms., 1,000-lb. lots..lb. 1.25 - 1.35
100-lb. lots..lb. 1.40 - 1.43
cns., 25 lbs..lb. 1.65 - 1.68
Hypophosphite, cns..lb. .62 - .65
Iodide, bots., jars..lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .27 - .28
Mandelate, dense, dms.....lb. 2.05 - 2.15
fluffy, dms..lb. 2.05 - 2.15
Nitrate, fertilizer grade, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports..ton. No prices
tech., bbls., ton lots, works. lb. .12½- .13
Palmitate, bbls..lb. .28 - .29
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.l.f. Atlantic ports, shipt.unit-ton. No prices
feeding grade, bgs., f.o.b. works..ton.75.00 - —
food grade, f.o.b. works, 10 bbls. and over..lb. .07 - .07¾
5 to 9 bbls., same basis. lb. .08 - .09
1 to 4 bbls., same basis. lb. .10 - —
medicinal, bbls..lb. .11½- .12
dms. ..lb. 12½- .18
Calcium, phosphate, monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
5 tons and over, bgs., same basis..lb. .06 - —
less than 5 tons, same basis..lb. .06½- —
tribasic, c.l., bbls., works. lb. .0635- —
l.c.l., bbls..lb. .0705-.0785
Resinate, precip., bbls., 1 ton. lb. .13 - —
smaller lots..lb. .14 - —
Stearate, precip., bbls., ctns., ton..lb. .26 - —
smaller quantities..lb. .27 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80%, CaS, bgs., c.l., works.ton.51.00 - —
luminous, dom., tins, works. 100 lbs. 1.25 - —
Sulphocarbolate, 200-lb. bbls..lb. .48 - —
Calendula flowers, bls..lb. 3.25 - 3.30
Calomel, bbls., fib. dms., kgs., 50 lbs. or more..lb. 2.95 - —
Camphor, natural, powd., cs...lb. 1.60 - 1.65
slabs, cs..lb. 1.60 - 1.65
tablets, tin..lb. 1.70 - 1.75
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .42 - —
smaller lots, works..lb. .47 - —
USP, or import, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots..lb. .70 - —
smaller lots..lb. .71 - —
tablets, 2,000-lb. lots....lb. .82 - —
1,000-lb. lots..lb. .83 - —
smaller lots..lb. .84 - —
Monobromate, bulk, 100-lb. lots. lb. 2.40 - -
25 to 50-lb. lots..lb. 2.50 - —
Canada balsam (see Fir, balsam).
Canary seed, Argentine, bgs...lb. .04 - .04½
Morocco, bgs..lb. .06¼- .06½
Canella alba bark, bls..lb. .29 - .30
Cantharides, Chinese, cs.....lb. 2.25 - 2.30
powd., bxs..lb. 2.45 - 2.50
Russian, cs..lb. 6.00 - 6.25
powd., bxs..lb. 6.25 - 6.30
Capsicum (see Pepper, red).
Caraway, Dutch, bgs..lb. 1.20 - 1.30
Carbazole, 95%, dms., ton lots. works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, c.l., dms., frt. alld.lb. .225 - —
l.c.l., same basis..lb. .235 - —
tanks, same basis..lb. .215 - —
Carbon bisulphide, 55 gal., dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l, same basis.....lb. .08 - .08½
Dioxide, cyls. ..lb. .06 - .08
Tetrachloride, [1,3] Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l....gal. 1.07 - —
l.c.l. .....fal. 1.17 - —
All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A. Cal.; S. F. Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vet., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.
Cardamom, bleached, cs.....lb. 1.60 - 1.70
decorticated, cs.....lb. 1.55 - 1.60
green, Ceylon, bgs.....lb. 1.00 - 1.05
Carob bean flour (see Gum, Locust bean).
Carvol, bots. .....lb.22.50 -23.50
Cascara sagrada bark, bulk....lb. .27 - .28
Case-hardening mixtures, 30% lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh bgs., c.l., dlvd..lb. .29 - —
5 tons, works.....lb. .29¼- —
smaller lots, works.....lb. .29½- —
50-100 mesh, c.l., dlvd.....lb. .29½- —
5 tons, works.....lb. .29¾- —
smaller lots, works.....lb. .30 - —
import, Argent., 20-30 mesh, bgs., c.l., c.l.f..lb. .25 - .26
80-100 mesh, bgs., c.l., c.l.f..lb. .25½- .26½
French, 30 mesh, bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30 mesh, c.l., bgs., duty paid..lb. No prices
Cassia, Batavia, No. 1, thin quill, bls..lb. .48 - .50
No. 1, regular, bls.....lb. .45 - .46
shortstick, bls.....lb. .45 - .46
broken, bls.....lb. .30 - .31
China, buds, bgs.....lb. .42 - .44
Rolls, select, bls.....lb. .37 - .39
broken, extra, bls.....lb. .35½- .37
Saigon, No. 1, 4-10-4, bls....lb. .79 - .81
10-6-2, bls.....lb. .79 - .81
all thin, bls.....lb. .79 - .81
Cassia fistula, bskts.....lb. .28 - .35
Castoreum, nat., cns.....lb.12.50 -15.00
Synth, bots. .....lb.19.00 - —
Castor beans, Brazilian, ship't, c.&f., N.Y., long ton.83.00 -84.00
Oil (see Oil, castor).
Pomace, dom., 6¼% ammon., bgs., c.l., works..ton.16.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices
Celery seed, French, bgs.....lb. .90 - .95
Indian .....lb. .65 - .67
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., frt. alld..lb. .30 - —
Cellulose, acetate-butyrate, high (36.5% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld.....lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
smaller pkgs., works.....lb. .48 - —
medium (15.5 or 17.0%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
Acetate-propionate, high (31.5% propionly content), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
smaller pkgs., works.....lb. .48 - —
Triacetate, flake, frt. alld....lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works...lb. .35 - —
kgs., works..lb. .37 - —
Chalk, precip., papermakers, bgs., c.l., works..ton.32.50 - —
rubbermakers, bgs., c.l., works. ton.30.00 - —
other industries, and paints, bgs., c.l., works..ton.40.00 - —
drugs, dentifrices and cosmetics, c.l., spot..lb. .02¾- —
Chamomile flowers, Hungarian type, cs..lb. .72 - .73
Roman, bls..lb. 3.25 Nom.
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Ga., W. Va..ton.35.40 - —
Colo. .....ton.32.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.35.80 - —
Ill. (except river point). Minn., Neb., Wis...ton.27.00 - —
Indiana .....ton.31.00 - —
Ill. (river points), Mo., Okla., Tex. (except El Paso), Ia..ton.25.00 - —
Kansas, El Paso, Tex.ton.26.00 - —
Michigan .....ton.32.80 - —
Ohio .....ton.32.80 - —
Penn. .....ton.34.80 - —
Utah .....ton.36.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .0275- —
tanks, works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., wks. ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt., 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila..ton.18.60 -23.00
powd., cks., l.c.l., ex whse. ton.45.00 - —
Chloral hydrate, jars, 1,000 lbs.lb. .93 - .95
500 lbs.....lb. .96 - .98
100 lbs.....lb. .98 - 1.00
25 lbs.....lb. 1.00 - 1.02
1-10 lbs.....lb. 1.05 - 1.07
dms., 1,000 lbs.....lb. .90 - .92
500 lbs.....lb. .93 - .95
100 lbs.....lb. .95 - .97
Chlorinated rubber, standard, 100 lbs. or more, works.....lb. .32 - —
smaller lots.....lb. .35 - —
Chlorine[3, 5, 7], liq., cyls., c.l., dlvd., N.Y..lb. .05¼- —
contracts, dlvd., N.Y.....lb. .05¼- —
l.c.l., dlvd. N.Y.....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, works, frt. equald.100 lbs. 2.00 - —
2, works, frt. equald.. 100 lbs. 2.50 - —
1, works, frt. equald.. 100 lbs. 3.00 - —
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chlorpicrin, com'l, 180-lb. cyls., frt. alld..lb. .80 - —
100-lb. cyls., frt. alld.....lb. .85 - —
25-lb. cyls., works.....lb. 1.00 - 1.15
1-lb. bot., case 2, works.. lb. 1.25 - —
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8½%, cs., bbls.....lb. .07¾- .08¼
Cake, bulk, c.l., works.....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green chrome).
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Rellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium, cs..lb. 1.25 - 1.30
20 in., thick, cs.....lb. No stocks
20 in., medium, cs.....lb. No stocks
USP, broken quill, red, bgs..lb. .19 - .20
yellow, bgs.....lb. .19 - .20
Cinchonidine, small, crys., cns., 100 ozs..oz. .89 - —
Sulphate, N.F., cans, 100 ozs.oz. .53 - —
Cinchonidine buyers must pay a surcharge of 13½c. per oz. to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchonine, small cryst., cns., 100 ozs..oz. .62 - —
large cryst., cns., 100 ozs.oz. .66 - —
Sulphate, N.F., cns., 100 ozs.oz. .42 - —
Cinchonine buyers must pay a surcharge of 13½c. per oz. to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchophen, USP, 25-lb. fib. dms. lb. 3.55 - 3.60
1 and 5-lb. bots.....lb. 3.70 - 3.80
100 lbs., dms.....lb. 3.50 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, 99-100% pure, cbys., cns..lb. 1.25 - 1.60
Cinnamon, Ceylon, 2, bls.....lb. .45 - .46
3, bls.....lb. No prices
Citral, bots., cns..... 4.50 - 5.50
Citrine ointment, jars.....lb. .98 - 1.00
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 3.00 - 3.25
Clove, Amboyna, bgs.....lb. .30 - .31
Zanzibar .....lb. .18 - .18½
Clover tops, red, dom., bgs....lb. .29 - .30
Coaltar, coal-gas, crude, bbls., c.l., works..bbls. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works...bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works...dm. 8.00 - —
Cobalt acetate,[7] bbls., kgs., dlvd. lb. .83¾- —
Carbonate,[7] powd., bgs., works, lb. 1.58 - —
Chloride, kgs., works.....lb. .87½- —
Hydrate,[7] bbls.....lb. 2.04 - —
Linoleate, paste, 5%, dms...lb. .31 - —
Linoleate, solid, 8½%, dms..lb. .42 - —
Oleate, bbls.....lb. .25 Nom.
Oxide,[7] black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13½- —
1 %, cobalt oxide, bbls....lb. .13 - —
2 %, cobalt oxide, bbls....lb. .14 - —
3½%, cobalt oxide, bbls....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate,[7] dms.....lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, f.o.b., shipping point..lb. .25½- —
Cocillana bark, bgs.....lb. .20 - .21
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.80 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, root, black, bls.....lb. .10 - .11
blue, bls.....lb. .07½- .08
Colchicine, bots., cns.....oz.38.00 -63.00
Colchicum seed, bgs.....lb. 6.00 Nom.
Collodion, USP, dms., 325 lbs..lb. .19½- .29½
cns., 25 lbs.....lb. .21 - .31
flexible, USP, dms., 325 lbs..lb. .17 - —
cns., 25 lbs.. .....lb. .21 - .22
Colocynth pulp, bls.....lb. 1.35 - 1.40
Colombo root, bls.....lb. .20 - .22
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bgs.....lb. .09½- .10
Conium leaves, bls.....lb. 1.20 - 1.25
Copaiba, balsam, Para, cns...lb. .40 - .42
S.A., USP, cns.....lb. .42 - .44
Copper acetate, normal, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - —
Carbonate, 52-54%, bbls.....lb. .18 - .20½
Chloride, anhyd., bbls.....lb. .20½- —
Cyanide, tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,3,5] electrolytic.....lb. .12 - .12¼
Nitrate, tech., cryst., bbls....lb. .16 - .18½
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works. lb. .19½- .21
Red, com'l, kgs., f.o.b. N. Y. lb. .20 - .22
Resinate, precip., bbls.....lb. .15 - .16
Sulphate, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 5.15 - 5.50
l.c.l., 16-50 bbls., same basis, 100 lbs. 5.30 - 5.65
6-15 bbls., same basis... 100 lbs. 5.40 - 5.75
1-5 bbls., same basis..... 100 lbs. 5.65 - 6.00
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 9.20 - —
l.c.l., dealers.....100 lbs.10.20 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works.. 100 lbs. 1.55 - —
1-4. works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship.....lb. No prices

Coriander, bgs.	lb.	.14 -	.14½
bleached, bgs.	lb.	.14½-	.15
Indian, bgs.	lb.	.10½-	.11
Corn silk, bls.	lb.	.20 -	.33
Corn sugar, tanners', chipped, bgs., c.l., dlvd.	100 lbs.	3.59 -	—
slabs, bbls., c.l.	100 lbs.	3.51 -	—
Syrup, 42°, bbls., c.l.	100 lbs.	3.52 -	—
43°, bbls., c.l.	100 lbs.	3.57 -	—
Corrosive sublimate, cryst., dms., 50 lbs. or more.	lb.	2.39 -	—
gran., powd., dms., 50 lbs. or more:	lb.	2.24 -	—
Cottonroot bark, bls.	lb.	.14 -	.15
Cottonseed, hull ash, 32-36% potash, bgs., dlvd.	unit-ton.	1.00 -	—
meal, 8%, Southeast, mills.	ton.	42.50 -	43.00
Coumarin, 5 lbs. or more, 25-lb. cns.	lb.	2.75 -	—
5-lb. cns.	lb.	2.85 -	—
1-lb. cns.	lb.	2.90 -	—
1-oz. cns.	lb.	3.25 -	—
less than 5 dms., cns.	lb.	4.15 -	4.65
Cramp bark, genuine, bls.	lb.	.30 -	.65
Cranesbill root, bls.	lb.	.18 -	.19
Cream of tartar, gran. or powd., bbls., 5,000 lbs., one shipm't.	lb.	.57½-	—
smaller lots, bbls.	lb.	.58 -	—
kgs.	lb.	.58½-	—
Creosote, beechwood, cbys., dms.	lb.	.80 -	.85
bots.	lb.	1.00 -	1.04
hardwood, USP, bots.	lb.	.60 -	.77
Pine, dms.	gal.	.28 -	—
Carbonate, bots., cbys.	lb.	2.10 -	2.39
Oil, crude, tanks, works	gal.	.15½-	—
Coaltar, solution, tanks, works	gal.	.141 -	—
refd., bbls., l.c.l., works.	gal.	.26 -	—
tanks, works.	gal.	.18 -	.18½
Cresol,*,† USP, dms., c.l., works.	lb.	.11 -	.11¼
l.c.l., same basis.	lb.	.11½-	.11¾
special resin grade, dms., c.l., works.	lb.	.10 -	.10¼
l.c.l., same basis.	lb.	.10½-	.10¾
Crotonaldehyde, 97%, 55 and 110 gal., l.c.l., works.	lb.	.15 -	—
5 and 10-gal. dms., works.	lb.	.18 -	—
Cryolite, syn., c.l., frt. alld. E. of Miss. River.	lb.	.08½-	—
l.c.l., works.	lb.	.09¼-	—
natural, c.l.	100 lbs.	8.75 -	—
l.c.l.	100 lbs.	9.25 -	—
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C.	lb.	.40 -	41
4% rotenone prices are 3c. per lb. less.			
Cubeb berries, XX, bgs.	lb.	.70 -	.75
powd., cs.	lb.	.78 -	.83
Culver's root, bls.	lb.	.26 -	.28
Cumin seed, Morocco, bgs.	lb.	.20 -	.21
Cyprus, bgs.	lb.	.18 -	.18½
Indian, bgs.	lb.	.16¾-	.17¼
Persian, bgs.	lb.	.17 -	.17½
Cutch, Borneo, extract, solid, contract, f.o.b. N.Y., duty paid.	lb.	.05¼ Nom.	
Cyanamide, 22% N, pulv., bgs., dlvd., contracts.	unit-ton.	No prices	
Cyanide-chloride, mixture, 45%, gran., dms.	lb.	.10¾-	—
lump, dms.	lb.	.09¾-	—
75%, gran., dms.	lb.	.15 -	—
Cyclohexane, 98-100%, dms., wks.	lb.	.16 -	—
Cyclohexanol, 98-100%, dms., wks.	lb.	.23 -	—
Cyclohexanone, 98-100%, dms., works.	lb.	.32 -	—
Cyclopropane, USP, cyls., dlvd.	gal.	.27 -	—

D

Damiana leaves, bls.	lb.	.16 -	.17
Dandelion root, bls.	lb.	.45 -	.46
Decanol, normal, tech., 360 lbs., dms., dlvd.	lb.	.35 -	—
Deertongue leaves, bls.	lb.	.16 -	17
Degras‡, common, dom., bbls.	lb.	.11½-	.12½
neutral, dom., bbls.	lb.	.25 -	.30
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.	lb.	.40 -	.41
4% rotenone prices are 4c. per lb. less.			
Derris, extract, 30% rotenone, bulk, cns.	lb.	5.00 -	5.25
Dextrin, British gum, c.l., f.o.b. Chicago.	100 lbs.	4.25 -	—
l.c.l., f.o.b. Chicago.	100 lbs.	4.35 -	—
Corn, canary, bgs., c.l., f.o.b. Chicago.	100 lbs.	4.00 -	—
l.c.l., f.o.b. Chicago.	100 lbs.	4.80 -	—
white, bgs., c.l., f.o.b. Chicago.	100 lbs.	3.95 -	—
l.c.l., f.o.b. Chicago.	100 lbs.	4.15 -	—
Potato, bgs., dom., c.l.	lb.	.09½-	—
l.c.l., bgs.	lb.	.10 -	.11¼
Diacetone (see under Alcohol).			
Diacetyl, bots.	lb.	9.50 -	11.00
Diamyl ether (see Amyl Ether).			
Phthalate, dms., c.l., dlvd.	lb.	.22 -	—
l.c.l., dlvd.	lb.	.22½-	—
tanks, dlvd.	lb.	.21 -	—
Diamyl sulphide, l.c.l., dms., works.	lb.	.25 -	—
Diamylamine, dms., c.l., works,	lb.	.50 -	—
l.c.l., works.	lb.	.53 -	—
Diamylene, dms., c.l., works.	lb.	.105 -	—
l.c.l., works.	lb.	.112 -	—
tanks, works.	lb.	.095 -	—
Diamylnaphthalene, dms., l.c.l., works.	lb.	.17 -	—
Diamylphenol (2, 4), dms., c.l., works.	lb.	.18 -	—
l.c.l.	lb.	.21 -	—
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific cst.	ton.	22.00 -	25.00
l.c.l., ex whse.	ton.	45.00 -	—
Diatomaceous earth, purified, bgs., c.l., f.o.b. Atlantic seaboard.	ton.	35.00 -	39.00
l.c.l., ex whse.	ton.	85.00 -	90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard.	lb.	.07 -	—
l.c.l., ex whse.	lb.	.10 -	.16
import, Algerian, bgs., c.l., c.i.f.	ton.	No prices	
Mexican, white, bgs., c.l., c.i.f.	lb.	.02 -	.03
l.c.l.	lb.	.04 -	.06
Dibutylamine, dms., c.l., works.	lb.	.50 -	—
l.c.l.	lb.	.53 -	—
tanks, works.	lb.	.48 -	—
Dibutyl ether (see Ether, butyl).			
Phthalate,‡ dms., c.l., dlvd.	lb.	.21 -	.23
l.c.l., dlvd.	lb.	.21½-	.23½
tanks, dlvd.	lb.	.20 -	.22
cns., works.	lb.	.23½-	.25½
Sebacetate, dms., works.	lb.	.45 -	.47
Tartrate, dom., dms.	lb.	.87 -	—
Dicalcium phosphate (see Calcium phosphate dibasic).			
Dichlorethyl ether, dms., c.l., works.	lb.	.15 -	—
l.c.l.	lb.	.16 -	—
tanks	lb.	.14 -	—
Dichloropentanes, dms., c.l., works.	lb.	.037 -	—
l.c.l.	lb.	.04½-	—
tanks	lb.	.03 -	—
Diethanolamine, dms., c.l., works.	lb.	.23½-	—
l.c.l., works.	lb.	.24½-	—
tanks, works.	lb.	.22½-	—
Diethylamine, dms., l.c.l., works.	lb.	.70 -	—
Diethylamino ethanol, l.c.l., dms., works, frt. alld. E. of Miss. river, l.c.l., dms.	lb.	.75 -	—
Diethylaniline, dms.	lb.	.40 -	—
Diethyl carbonate, com'l, dms.	lb.	.25 -	—
refd., 99%, dms.	lb.	.35 -	—
Oxalate, dms., l.c.l., dlvd.	lb.	.28 -	—
Phthalate, dms., c.l., dlvd.	lb.	.21½-	—
l.c.l.	lb.	.22 -	—
tanks	lb.	.20½-	—
Sulphate, dms., c.l., works.	lb.	.13 -	—
l.c.l., works.	lb.	.14 -	—
tanks	lb.	.12 -	—
Diethyleneglycol, dms., c.l., works	lb.	.14 -	—
l.c.l., works.	lb.	.13½-	—
Monobutylether, dms., works.	lb.	.22½-	.24½
Monoethylether, dms., c.l., works.	lb.	.14½-	—
l.c.l., works.	lb.	.15½-	—
tanks, works.	lb.	.13½-	—
Digitalis leaves, dms.	lb.	.50 -	.55
Diglycol, laurate, c.l.	lb.	.16 -	—
Oleate, light, bbls., c.l.	lb.	.17 -	—
Stearate, bbls., c.l.	lb.	.22 -	—
Di-isobutyl ketone, dms., works.	lb.	.19 -	—
Dillseed, cleaned, bgs.	lb.	.09¼-	.09½
Dimethyl phthalate, dms., c.l., dlvd.	lb.	.20 -	—
l.c.l., dlvd.	lb.	.20½-	—
tanks, dlvd.	lb.	.19 -	—
Dimethylamine, dms., c.l., dlvd.	lb.	.85 -	—
l.c.l., dlvd.	lb.	.90 -	—
Dimethylanilin, dms., c.l.	lb.	.23 -	—
l.c.l., dms.	lb.	.24 -	—
Dinitrobenzene, bbls., 80° min.	lb.	.18 -	—
Dinitrochlorobenzene, dms.	lb.	.14 -	—
Dinitronaphthalene, kgs.	lb.	.35 -	.38
Dinitrophenol, bbls.	lb.	.22 -	—
Dinitrotoluene, dms.	lb.	.18 -	—
oily, dms.	lb.	.05 -	—
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.44 -	—
600-1,950 lbs., dlvd.	lb.	.46 -	—
150-450 lbs., dlvd.	lb.	.47 -	—
Dioxan, dms., c.l., frt. alld.	lb.	.20 -	—
l.c.l., same basis.	lb.	.21 -	—
tanks, same basis.	lb.	.19 -	—
Dip oil (see Tar acid oil).			
Dipentene, dms.	gal.	.59 -	.61
tanks	gal.	.51 -	—
dest., dist., dms.	gal.	.55 -	.58
tanks	gal.	.48 -	—
Diphenyl, bbls., c.l., works.	lb.	.15 -	—
l.c.l., works.	lb.	.16 -	.20
Oxide, perfume grade, dms.	lb.	.43 -	.45
cns.	lb.	.48 -	.50
Diphenylamine,† bbls.	lb.	.25 -	—
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.35 -	—
600-1,950 lbs., dlvd.	lb.	.36 -	—
150-450 lbs., dlvd.	lb.	.37 -	—
Dimethylethyl carbinol (see Carbinol).			

Coriander—Dyes

Divi-Divi, Colombian	ton.	60.00 -	—
Venezuelan	ton.	65.00 -	—
Doggrass root, imp. cut, NF, bls.	lb.	.30 -	1.00
domestic, bls.	lb.	.36 -	.37
Dogwood bark, Jamaica, bls.	lb.	.07½-	.08
Dovers powder, USP, cns.	lb.	2.75 -	2.80
Dragon's blood, reeds, cs.	lb.	1.10 -	1.15
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—			
Blue, FD&C blue, No. 1, cns.	lb.	13.50 -	—
FD&C blue, No. 2, cans.	lb.	13.50 -	—
Green FD&C green, No. 2, cns.	lb.	17.50 -	—
FD&C green, No. 3, cns.	lb.	27.50 -	—
FD&C green, No. 1, cns.	lb.	13.50 -	—
Orange, FD&C orange, No. 1, cns.	lb.	2.90 -	—
FD&C orange, No. 2, cns.	lb.	3.65 -	—
Red, FD&C red, No. 1, cns.	lb.	6.00 -	—
FD&C red, No. 2, cns.	lb.	3.15 -	—
FD&C red, No. 3, cns.	lb.	17.50 -	—
FD&C red, No. 4, cns.	lb.	5.75 -	—
FD&C red, No. 32, cns.	lb.	4.15 -	—
drugs and cosmetics:—			
Yellow, FD&C yellow, No. 1, cns.	lb.	8.50 -	—
FD&C yellow, No. 3, cns.	lb.	2.65 -	—
FD&C yellow, No. 4, cns.	lb.	2.65 -	—
FD&C yellow, No. 5, cns.	lb.	3.15 -	—
FD&C yellow, No. 6, cns.	lb.	3.15 -	—

AS THE COIL of the first Atlantic cable stretched its history-making course through the depths of the ocean between America and Europe, it became not only a physical bond between the continents, but a symbol, as well, of unprecedented progress to benefit the trade of the world. That the Atlantic cable achieved this in the cause of commerce is now living history.

UNITY...HALL-MARK OF GREATNESS IN ENTERPRISE

"AWAITING THE REPLY." PAINTING BY ROBERT DUDLEY. REPRODUCED BY COURTESY OF THE METROPOLITAN MUSEUM OF ART

Similarly, to broaden the scope of their endeavors with benefit to those they serve, the Niagara Alkali Company and the Electro Bleaching Gas Company have united the strong strands of their enterprises to become one... the Niagara Alkali Company. The quality reputation of all products...the fine traditions of management...will continue to distinguish this greater American business in the field of chemicals.

Niagara
ALKALI COMPANY
60 EAST 42nd STREET, NEW YORK, N. Y.
CAUSTIC POTASH · CAUSTIC SODA
PARA · CARBONATE OF POTASH
Liquid Chlorine
EBG NIAGARA ALKALI COMPANY

Dyes—Green, Chrome

Dyes, coaltar (certified colors), for drugs and cosmetics:—

Black, D&C black, No. 1	lb.	8.35	—
Blue, D&C blue, No. 6	lb.	13.50	—
Brown, D&C brown, No. 1, cns.	lb.	12.35	—
Green, D&C green, No. 5, cns.	lb.	12.35	—
D&C green, No. 6, cns.	lb.	12.35	—
Orange, D&C orange, No. 3, cns.	lb.	8.35	—
D&C orange, No. 4, cns.	lb.	15.35	—
D&C orange, No. 10, cns.	lb.	15.85	—
D&C orange, No. 11, cns.	lb.	17.35	—
Red, D&C red, No. 5	lb.	6.90	—
D&C red, No. 17	lb.	8.35	—
D&C red, No. 18	lb.	18.35	—
D&C red, No. 19, cns.	lb.	15.35	—
D&C red, No. 22, cns.	lb.	8.35	—
D&C red, No. 33	lb.	13.35	—
D&C red, No. 37, cns.	lb.	12.35	—
Yellow, D&C yellow, No. 7, cns.	lb.	8.35	—
D&C yellow, No. 3, cns.	lb.	8.35	—
D&C yellow, No. 11	lb.	10.35	—

Dyes, coaltar (certified colors), for external use drugs and cosmetics:—

Blue, Ext. D&C blue, No. 1, cns.	lb.	12.35	—
Green, Ext. D&C green, No. 1, cns.	lb.	12.35	—
Red, Ext. D&C red, No. 1, cns.	lb.	10.35	—
Ext. D&C red, No. 3	lb.	21.85	—
Ext. D&C red, No. 8	lb.	7.85	—
Ext. D&C red, No. 10, cns.	lb.	12.35	—
Ext. D&C red, No. 13, cns.	lb.	12.35	—
Yellow, Ext. D&C yellow No. 1, cns.	lb.	8.85	—

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—

36 Chrome yellow 2G	lb.	.65	.70
40 Chrome yellow R	lb.	.50	1.00
53 Victoria violet	lb.	.80	1.00
165 Lake red C	lb.	.70	.80
170 Fast red A	lb.	.56	.60
180 Fast rel VR	lb.	1.50	1.60
189 Lake red R, paste	lb.	.85	.90
189 Lake red R, powd.	lb.	3.00	3.10
Sulphur tan	lb.	.30	.50
202 Chrome blue black U	lb.	.32	.40
204 Chrome black A	lb.	1.75	2.00
208 Fast red blue R	lb.	.75	2.00
216 Chrome red B	lb.	1.75	2.00
262 Cloth red 2B	lb.	.60	.80
289 Fast cyanin 5R	lb.	.90	1.00
299 Chrome black F	lb.	.60	.65
307 Fast cyanin black B	lb.	.80	.85
326 Direct cast scarlet	lb.	2.00	2.25
304 Paper yellow	lb.	.83	.90
365 Chrysophenin G	lb.	.58	.70
394 Direct violet N	lb.	1.25	1.35
382 Direct scarlet B	lb.	1.50	1.75
387 Direct violet B	lb.	1.00	1.30
401 Developed black BHN	lb.	.45	.60
406 Direct blue 2B	lb.	.25	.30
415 Direct orange R	lb.	.60	.70
419 Direct fast red F	lb.	.75	.85
420 Direct brown M	lb.	1.00	1.10
448 Benzo purpurin 4B	lb.	.54	.56
495 Benzo purpurin 10B	lb.	.40	.50
502 Direct azcrin G	lb.	.75	.80
512 Direct blue RD	lb.	.80	1.00
518 Direct pure blue 6B	lb.	1.10	1.25
520 Direct pure blue	lb.	.50	1.00
529 Direct fast black, FF	lb.	.55	1.00
581 Direct black EW	lb.	.25	.50
582 Direct black RX	lb.	.35	.45
592 Direct green B	lb.	.75	.80
594 Direct green G	lb.	1.00	1.05
596 Direct brown 3GO	lb.	.85	1.00
620 Direct yellow R	lb.	1.25	1.50
608 Acid violet	lb.	1.00	3.00
812 Primulin	lb.	.50	.52
814 Direct fast yellow	lb.	2.00	2.25
845 Niyrosin (water soluble).	lb.	.35	.50
1177 Indigo, 20 p.c. paste	lb.	.15	.18
Benzo fast black L	lb.	.90	1.00
Sulphur black	lb.	.20	.25
Sulphur blue	lb.	.40	1.00
Sulphur brown	lb.	.25	.50
Sclphur maroon	lb.	.40	—
Sulphur olive	lb.	.25	.54
Sulphur yellow	lb.	.30	.50
Zambesi black	lb.	.75	.80

Dyes, coaltar, for stains, oil soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—			
863 Nigrosin derivatives	lb.	.38	.62
Blue:—			
1075 Alizarin astrol base	lb.	15.00	—
1078 Alizarin cyanin green base	lb.	6.00	—
Brown:—			
Brown	lb.	1.15	—
Green:—			
1078 Alizarin cyanin green	lb.	5.00	—
Green	lb.	.75	—
Orange:—			
24 Sudan I	lb.	.75	—
Red shade	lb.	.75	—
Red:—			
75 Sudan II	lb.	1.05	—
258 Sudan IV	lb.	.95	—
749 Rhodamine B (oil pink).	lb.	2.50	—
1089 Anthraquinone violet base	lb.	6.00	—
680 Oil violet	lb.	.50	—
Yellow:—			
15 Amidoazobenzene yellow	lb.	.90	—
17 Amidoazotoluene yellow.	lb.	.75	—
61 Yellow OB	lb.	1.40	2.00

Dyes, coaltar for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—			
864 Nigrosin	lb.	.38	.47
Blue:—			
860 Indulin	lb.	.60	.70
Brown—			
331 Bismarck brown	lb.	1.50	—
Green:—			
637 Malachite green base	lb.	2.00	—
Orange:—			
20 Chrysollin G	lb.	.95	—
21 Chrysoldin R	lb.	.96	—
Red:—			
677 Fuchsin, magenta, base.	lb.	7.25	—
749 Rhodamine B	lb.	4.75	—
Yellow:—			
67 Amidoazotoluene yellow.	lb.	.75	—
655 Auramine	lb.	2.00	—
800 Chinolin yellow SS	lb.	2.00	—
Violet:—			
680 Methyl violet base	lb.	.85	—

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—			
246 Naphthol blue black S	lb.	.50	—
873 Methylene gray	lb.	1.50	—
Blue:—			
714 Patent blue A	lb.	1.05	1.10
729 Victoria blue B	lb.	1.85	—
861 Indulin	lb.	.87	—
909 New blue R	lb.	1.30	—
922 Methylene blue	lb.	1.00	—
1054 Alizarin saphirol B	lb.	1.90	—
1180 Indigotin IA	lb.	.85	—
Brown:—			
234 Resorcin brown Y	lb.	.65	—
235 Resorcin dark brown R.	lb.	.66	—
231 Bismarck brown G	lb.	.47	.62
332 Bismarck brown R	lb.	.47	.62
793 Phosphin	lb.	4.65	—
Green:—			
5 Naphthol green B	lb.	1.00	—
657 Malachite green	lb.	1.35	—
662 Brilliant green	lb.	2.00	—
666 Guinea green B	lb.	1.15	—
737 Wool green S	lb.	.58	—
924 Methylene green B	lb.	1.55	—
1078 Alizarin cyanin green	lb.	2.25	—
Orange:—			
10 Chrysoldin G	lb.	.44	—
21 Chrysoldin R	bl.	.41	—
27 Orange G	lb.	.50	—
151 Orange Y	lb.	.31	.33
161 Orange R	lb.	.34	—
31 Amidonaphthol red G	lb.	.42	—
37 Amidonaphthol red 6B.	lb.	.68	—
79 Popceau R	lb.	.48	—
88 Fast red B	lb.	1.05	—
176 Fast red A	lb.	.54	—
179 Azorubin	lb.	.60	.62
183 Crocein scarlet 3BX	lb.	.72	.75
185 Cochineal red A	lb.	.60	—
252 Brilliant crosein M	lb.	.68	—
677 Fuchsin	lb.	2.10	—
749 Rhodamine B	lb.	3.50	—
752 Rhodamine 6G	lb.	4.50	—
768 Eosin G	lb.	1.50	—
841 Safranin	lb.	1.45	—
Violet:—			
680 Methyl violet B	lb.	.75	—
681 Crystal violet C	lb.	1.75	—
695 Acid violet 4BN	lb.	.88	—
Yellow:—			
10 Naphthol yellow S	lb.	.88	—
138 Metanil yellow	lb.	.56	.59
636 Fast light yellow	lb.	1.25	—
639 Xylene light yellow	lb.	1.15	—
640 Tartrazin	lb.	.80	—
655 Auramine	lb.	1.27	—

Dyes, natural (see name of article).

E

Echinacea root, bls	lb.	.18	.19
Egg albumen (see Albumen).			
yolk, dried, dom., bbls	lb.	1.00	1.05
imported	lb.	.95	1.00
Elder flowers, bright, bls	lb.	.88	.90
Elecampane root, bls	lb.	.20	.21
Elm bark, grinding, bls	lb.	.14	.15
powd., bbls., bxs	lb.	.20	.21
select, bndls	lb.	.20	.21
Emetine hydrochloride, bots	oz.	26.00	-34.50
Ephedra, bls	lb.	.18	.19
Ephedrine, synth., USP, hemihydrate, bots., 100 ozs. or more	oz.	.65	—
anhyd., bots., 100 ozs. or more	oz.	.65	—
hydrochloride, tins, 100 ozs. or more	oz.	.50	—
Sulphate, cryst., tins, 100 ozs. or more	oz.	.48	—
natural, USP, anhydrous, bots.	oz.	1.15	1.65
hydrochloride or sulphate, tins	oz.	.95	1.45
Epsom salt, tech., bgs	100 lbs.	1.80	—
bbls.	100 lbs.	1.90	—

Epsom salt prices on technical and USP are on the basis of freight equalized with Balto., Carteret, N. J., Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

USP, cryst., dom., bgs., c.l.,	100 lbs.	2.00	—
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.25	—
smaller lots	100 lbs.	2.50	—
bbls., c.l.	100 lbs.	2.10	—
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.35	—
smaller lots	100 lbs.	2.60	—
kgs., c.l.	100 lbs.	2.35	—
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.60	—
smaller lots	100 lbs.	2.85	—
dried, bgs., l.c.l.	lb.	.08	.09
Ergot, USP, cns., dms	lb.	1.75	1.80
Eserine, bots	oz.	No prices	
Salicylate, bots	oz.	41.00	-48.00
Sulphate, bots	oz.	41.00	-48.00
Ether, acetic (see Ethyl acetate).			
Butyl, l.c.l., dlvd	lb.	.30	—
Ethyl (see Ether, sulphuric).			
Nitrous, conc., bots., 100 lbs.,	lb.	.73	—
Sulphuric, conc., 310-lb. dms.	lb.	.11	—
27-lb. dms.	lb.	.16	—
Synth., dms., c.l., works	lb.	.10	—
l.c.l., works	lb.	.11	—
tanks	lb.	.08	—
USP, anesthesia, hospitals, 1-lb. cns.	lb.	.52	.53
Amyl (see Amyl, ether).			
Ethyl acetate,[2] 85-90%, dms., c.l., frt. alld.	lb.	.12	.13
l.c.l., frt. alld.	lb.	.12½	.13½
tanks, frt. alld.	lb.	.11	.12
95-98%, dms., c.l., frt. alld.	lb.	.12¾	.13¼
l.c.l., frt. alld.	lb.	.12¾	.13¾
tanks, frt. alld.	lb.	.11¼	.12¼
NF, 390-lb. dms.	lb.	.13¾	—
Acetoacetate, dms., c.l., works.	lb.	.37½	—
l.c.l., frt. alld.	lb.	.38	—
Benzoate, bots.	lb.	1.00	1.25
Bromide, tech., dms.	lb.	.50	.55
Caproate, cns.	lb.	10.00	-11.00
Chloride, dms.	lb.	.18	.20
Cinnamate, cns.	lb.	3.50	3.75
Formate, cns., dms.	lb.	.27¾	—
Iodide, bots.	lb.	3.50	3.60
Lactate, 55-gal. dms., works,	lb.	.33½	—
5-gal. dms., works	lb.	.37½	.39½
Oenanthate, dms.	lb.	.75	1.25
Oxalate, dms., frt. alld.	lb.	.33	—
Oxyhydrate, bots.	gal.	7.50	8.00
Silicate, l.c.l., dms., works.	lb.	.77	—
Vanillin, 25-lb. lots, cns.	lb.	4.75	5.25
5-lb. lots, cns.	lb.	4.80	5.30
1-lb. lots, cns.	lb.	4.95	5.40
Ethylcellulose, std. cans, 5,000 lbs. or more, frt. alld.	lb.	.50	—
less than 5,000 lbs., same basis.	lb.	.52	.60
Ethylene, dichloride,[3] dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0742	—
West of Rockies, same basis.	lb.	.0792	—
l.c.l., works, E. of Rockies, frt. alld.	lb.	.0795	—
West of Rockies, same basis.	lb.	.0841	—
Ethyleneglycol, dms., c.l.	lb.	.14½	—
l.c.l.	lb.	.15½	.18½
tanks	lb.	.13½	—
Monobutylether, dms., c.l., wks.	lb.	.16½	—
l.c.l., works	lb.	.17½	.20½
tanks, works	lb.	.15½	—
Monoethylether, dms., c.l., wks.,	lb.	.14½	—
l.c.l., works	lb.	.15½	.16½
tanks, works	lb.	.13½	—
Monoethylether, acetate, dms., c.l., works.	lb.	.11½	—
l.c.l., dms.	lb.	.12½	.15½
tanks, works	lb.	.10½	—
Monomethylether, dms., c.l., works.	lb.	.15½	—
l.c.l., works	lb.	.16½	—
tanks, works	lb.	.14½	—
Ethylidinaniiin, dms	lb.	.45	.47½
Eucalyptol, cns., dms	lb.	1.50	1.60
Eucalyptus, leaves, bls	lb.	.10	.11
Eugenol, cns., dms	lb.	2.75	2.80
Euphorbia, bls	lb.	.12	.15

F

Feldspar, enamel, 100 mesh, bulk, works	ton.	14.00	-17.50
l.c.l., minimum 2 tons	ton.	17.00	-20.50
glass, 20 mesh, bulk, works	ton.	9.75	-12.25
l.c.l., minimum 2 tons	ton.	12.75	-16.25
pottery, bulk, Me., works	ton.	17.00	-19.00
N.C., works	ton.	17.00	-19.00
l.c.l., minimum 2 tons	ton.	20.00	-22.00
Fennel seed, Argentine, bgs	lb.	.14	.14½
German, large bags	lb.	.20	.21
Indian, bags	lb.	.11	.11½
Fenugreek, seed, bgs	lb.	.10¾	.11
Ferric, sulphate, anhyd., c.l., works	ton.	35.00	—
l.c.l.	ton.	40.00	—
Film scrap, colors, dark, cs., 1,000 lbs. or over, works	lb.	.14	—
smaller lots, works	lb.	.15	—
light, cs., 1,000 lbs. or over, works	lb.	.15	—
smaller lots, works	lb.	.16	—
water white, cs., 1,000 lbs. or over, works	lb.	.16	—
smaller lots, works	lb.	.17	—
Fir balsam, Canada, cns	gal.	16.00	-17.00
Oregon, bbls	gal.	1.25	1.40
Fish berries, bgs	lb.	.24	.25
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures	unit-ton.	4.75 &	.10
meal, bgs., f.o.b. Balto	ton.	75.00	—
6-7% ammon., 3% phosphor. acid, bulk, Chesapeake Bay factories, contracts	unit-ton.	2.75 &	.50
sardine, Japanese, 11½% ammon., bgs., c.l.f. ports		No prices	
Flake white, dom., bbls	lb.	.09	—
kegs	lb.	.11	—
Fleaseed, French, black, bgs	lb.	.70	.75
Indian, blonde, bgs	lb.	.15	.16
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines	net ton.	32.00	-34.00
washed gravel, 85.5 f.o.b. Ky. and-Ill.-Ky. mines	net ton.	24.00	—
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines	net ton.	24.00	—
imported, 85.5, duty paid	short ton.	26.00	—
Formaldehyde,[1,2,3,6] bbls., c.l., works	lb.	.0550	.0575
l.c.l., works	lb.	.06	.0625
dms., c.l., works	lb.	.0515	.0540
l.c.l., works	lb.	.0565	.0590
tanks	lb.	.04	.04¼

Formaldehyde prices are under 4¼c. to 9½c. OPA ceiling.

Fringetree bark, bls	lb.	.35	.40
Fullers earth, dom., powdered, bgs., c.l., f.o.b. Fla., Ga. mines	ton.	8.50	-15.00
f.o.b. Tex. mines	ton.	12.50	—
import, Eng., bgs., c.l., dlvd. N.Y.	ton.	30.00	-40.00
Furfural, ref., dms., c.l., works,	lb.	.15	—
l.c.l., works	lb.	.17½	.25
tech., dms., contracts, 150,000 lbs.	lb.	.10	—
tanks, works	lb.	.09	—
dms., c.l., works	lb.	.12½	—
l.c.l., works	lb.	.15	.20
Fusel oil, refd., dms., incl., dlvd.,	lb.	.18	.18½
Fustic, cryst., bgs., No. 1	lb.	.32	—
No. 2	lb.	.30	—
No. 3	lb.	.28	—
extract, bbls., No. 1	lb.	.16	—
No. 2	lb.	.15	—
No. 3	lb.	.12½	—

G

G salt, bbls	lb.	.45	—
Galangal root, bls	lb.	.22	.23
Gambier, common, cases	lb.	No price	
plantation, cases	lb.	.13	Nom.
cubes, Singapore, cases	lb.	.12	.13
extract, bbls	lb.	.09½	.12
Gasoline[1] at refinery:—			
Bayonne, US motor, tanks, ex tax	gal.	.08	.08½
California (f.o.b. San Francisco), regular, trucks, tax incl.	gal.	.14½	—
Gulf Coast, US motor, 72-74 octane, tanks, ex tax	gal.	.07½	—
Louisiana-Arkansas, US motor, 72-74 octane, tanks, ex tax.	gal.	.05⅞	.06½
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax.	gal.	.06	.06⅜
natural, 18-53, tanks	gal.	.06½	—
26-70, tanks	gal.	.05½	—
Gelatin, silver, cs	lb.	.90	.97
Gelsemium root, bls	lb.	.17	.18
Gentian root, bls	lb.	.74	.76
grd., bbls., bxs	lb.	.77	.79
powd., bbls., bxs	lb.	.78	.80
Geraniol, 92-96%, cns., dms	lb.	2.50	3.50
other grades, cns., dms	lb.	1.50	1.90
soap, cns., dms	lb.	1.10	1.50
Ginger, African, No. 1, bgs	lb.	.46	.47
Cochin, bgs	lb.	.45	.47
Jamaica, bold, bgs	lb.	.42	Nom.
medium, bgs	lb.	.40	Nom.
grinding, bright, bgs	lb.	.38	Nom.
Ginseng root, wild Southern, cs.	lb.	12.00	-13.00
Glauber's salt, anhyd. (see Soda sulphate).			
cryst., dom., bgs., bbls., c.l., works	100 lbs.	1.05	- 1.28
5 tons or over, works	100 lbs.	1.15	- 1.35
less than 5 tons, works	100 lbs.	1.25	- 1.45
import, bgs	100 lbs.	No prices	
Glue, bone, calcimine type, 24 millipoise, 36 jellygrams, bgs., c.l., dlvd. East or Midwest	lb.	.16	Nom.
l.c.l.	lb.	.17	Nom.
36/58, c.l.	lb.	.15½	Nom.
l.c.l.	lb.	.16½	Nom.
58/82, c.l.	lb.	.17	Nom.
58 millepoise, 82 jellygrams, bgs., l.c.l.	lb.	.18	Nom.
82/108, c.l.	lb.	.17½	Nom.
l.c.l.	lb.	.18½	Nom.
Hide,[1] 100-121 (jelly test in grams), bgs., c.l., dlvd.	lb.	.14	—
bbls., c.l., dlvd.	lb.	.14½	—
122-149, bgs., c.l., dlvd.	lb.	.15	—
bbls., c.l., dlvd.	lb.	.15½	—
150-177, bgs., c.l., dlvd.	lb.	.16	—
bbls., c.l., dlvd.	lb.	.16½	—
178-206, bgs., c.l., dlvd.	lb.	.17	—
bbls., c.l., dlvd.	lb.	.17½	—
207-236, bgs., c.l., dlvd.	lb.	.18	—
bbls., c.l., dlvd.	lb.	.18½	—
237-266, bgs., c.l., dlvd.	lb.	.19	—
bbls., c.l., dlvd.	lb.	.19½	—
267-298, bgs., c.l., dlvd.	lb.	.20	—
bbls., c.l., dlvd.	lb.	.20½	—
299-330, bgs., c.l., dlvd.	lb.	.21	—
bbls., c.l., dlvd.	lb.	.21½	—
331-362, bgs., c.l., dlvd.	lb.	.22	—
bbls., c.l., dlvd.	lb.	.22½	—
363-394, bgs., c.l., dlvd.	lb.	.23	—
bbls., c.l., dlvd.	lb.	.23½	—
395-427, bgs., c.l., dlvd.	lb.	.24	—
bbls., c.l., dlvd.	lb.	.24½	—
428-460, bgs., c.l., dlvd.	lb.	.25	—
bbls., c.l., dlvd.	lb.	.25½	—
461-494, bgs., c.l., dlvd.	lb.	.26	—
bbls., c.l., dlvd.	lb.	.26½	—
495-529, bgs., c.l., dlvd.	lb.	.27	—
bbls., c.l., dlvd.	lb.	.27½	—

Hide glue prices are those established for sale by producers; prices for glue sold by jobbers are 2c. to 3½c. per pound higher according to grade. Less carlot prices are 1c. per pound higher than carlot. Maximum prices for chrome glue and coney glue (jelly test in grams 267 or higher) in carload lots are 2c. per pound higher than the prices established above.

Glycerin[1], Zones A and C, C.P., (B.P. 98%), drums, carlots, dlvd.	lb.	.18¾	—
less carlots, dlvd.	lb.	.19¼	—
tanks, dlvd.	lb.	.18½	—
C.P. (USP 95%), drums, carlots, dlvd.	lb.	.18¼	—
less carlots, dlvd.	lb.	.18¾	—
tanks, dlvd.	lb.	.18	—
dynamite, high gravity, yellow distilled, drums, carlots, dlvd.	lb.	.18¼	—
less carlots, dlvd.	lb.	.18¾	—
tanks, dlvd.	lb.	.18	—
Soapiye, 80%, drums, carlots, dlvd.	lb.	.11½	—
less carlots, dlvd.	lb.	.11¼	—
tanks, dlvd.	lb.	.11½	—
Saponification, 88%, to refiners, drums, c.l., dlvd.	lb.	.12¾	—
less carlots, dlvd.	lb.	.12¾	—
tanks, dlvd.	lb.	.12¾	—
Saponification, 88%, for individual uses, drums, carlots,			
Saponification, 88%, individual users, dms., c.l., f.o.b. point of manufacture	lb.	.13¾	—
less car lots, same basis.	lb.	.14¾	—
tanks, same basis	lb.	.12¾	—

Glycerin prices in Zone B are 2c. higher.

Zone A means all points east of and including N. Dak., S. Dak., Neb., Kansas, Omaha, Texas, Laramie County, Wyo.; Col., east of but not including the following counties:—Jackson, Grand, Gilpin, Jefferson, Douglass, Teller, Fremont, Custer, Huerfano, and Costilla.

Zone B means the territory between Zones A and C, as follows:—Washington, east of and including the following counties:—Okanogan, Chelan, Kittitas, Yakina, Klicjitat; Ore., east of and including the following counties:—Hood River, Wasco, Jefferson, Deschutes, Klamatch; Nev., Ariz., New Mex., that part of Col. west of and including those counties mentioned above; Utah. Wyo., excepting Laramie County; Idaho and Mont.

Zone C means the territory west of Zone B.

Glycine, medicinal, bbls., tins	lb.	1.70	- 2.00
Glycol boriborate, dms	lb.	.22	—
Phthalate, dms.	lb.	.38	—
Stearate, dms.	lb.	.26	—
Gold, U.S. purchase price	oz.	35.00	—
Chloride, acid brown, both	oz.	20.75	-21.00
yellow, bots.	oz.	18.75	-19.00
Gold-soda chloride, photo., bots.,	oz.	13.00	—
USP IX, bots.	oz.	14.50	-14.75
Gold of pleasure, seed, bgs	lb.	.22	- .23
Goldenseal, root, bls	lb.	4.35	- 4.40
powd., bxs	lb.	4.80	- 4.85
Grains of Paradise, bgs	lb.	.34	- .35
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphite carbon, bgs., c.l., works.	lb.	.07	—
bbls., c.l., works	lb.	.07¼	—
l.c.l., works	lb.	.07½	—
65% graphite carbon, bgs., c.l., works.	lb.	.02½	—
l.c.l., works	lb.	.03¼	—
bbls., c.l., works	lb.	.02¾	—
80% graphite, carbon, bgs., c.l., works.	lb.	.03½	—
bbls., c.l., works	lb.	.03¾	—
l.c.l., works	lb.	.04½	—
Grease,[5] house, loose	lb.	.0929½	—
white, loose	lb.	.0971¼	—

Wool (see Adeps lanae and Degras).

Green,[2] chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	.23	—
6-10%, bbls., same basis	lb.	.24	—
11-15%, bbls., same basis	lb.	.25	—
16-20%, bbls., same basis	lb.	.25½	—
21-25%, bbls., same basis	lb.	.26	—
26-30%, bbls., same basis	lb.	.26½	—
31-35%, bbls., same basis	lb.	.27½	—
36-40%, bbls., same basis	lb.	.29	—
41-45%, bbls., same basis	lb.	.30½	—
46-50%, bbls., same basis	lb.	.33	—

Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita prices are equalized with Chicago.

Green, chrome, reduced, CP, color content up to 5%, same basis..lb. .06½- —
9-10%, bbls., same basis.lb. .07¼- —
11-13%, bbls., same basis.lb. .07¾- —
14-16%, bbls., same basis.lb. .08 - —
17-19%, bbls., same basis.lb. .08¼- —
20-21%, bbls., same basis.lb. .08½- —
22-23%, bbls., same basis.lb. .08¾- —
24-25%, bbls., same basis.lb. .09 - —
26-27%, bbls., same basis.lb. .09¼- —
28-29%, bbls., same basis.lb. .09¾- —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .11¾- —
34-35%, bbls., same basis.lb. .12¾- —
36-40%, bbls., same basis.lb. .14½- —
41-45%, bbls., same basis.lb. .16¾- —
46-50%, bbls., same basis.lb. .17¼- —
51-55%, bbls., same basis.lb. .17½- —
56-60%, bbls., same basis.lb. .18¼- —
61-65%, bbls., same basis.lb. .18¾- —
66-70%, bbls., same basis.lb. .19¾- —
71-75%, bbls., same basis.lb. .20¾- —
Oxide, dom., pure, bbls.....lb. .25 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l., works.....lb. .27 - —
standard grade, bbls., works..lb. .23½- —
Tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.75 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .11 - .12
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .95 - 1.00
Wood, bls.....lb. .05 - .06
Guaiacol, liq., dms.....lb. 1.75 - 2.01
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.65 - 1.70
Gum Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber sort, cleaned, bgs..lb. .22 - .24
powd., bbls.....lb. .26 - .28
white, sorts, 1, bgs.....lb. .33 - .35
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.75 - 4.00
Sumatra, cs.....lb. .45 - .50
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .40 - .42
Copal, Congo, 1, water white transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Francisco..lb. .49½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gum prices on 80,000 lbs. min. apply to assorted lots of gums as well as one grading packed in bags, unless otherwise specified; l.c.l. prices are ¼c. higher for 10 bgs, or over; ½c. higher for 1-9 bags.
2, water white.....lb. .29½- —
3, selected pale straw, bold. lb. .24½- —
4, pale straw, bold.....lb. .24 - —
5, pale straw, bold.....lb. .23⅝- —
6, pale amber, bold.....lb. .21½- —
7, pale straw, bold.....lb. .17 - —
8, light amber, bold.....lb. .17 - —
9, medium light amber, bold. lb. .13⅞- —
10, rescraped hard amber, bold..lb. .13⅝- —
11, hard dark amber, bold. lb. .12⅜- —
12, selected bold sorts.....lb. .11⅞- —
13, dark sorts, bold.....lb. .09¼- —
14, selected, fully scraped, ivory..lb. .23⅜- —
15, ordinary ivory sorts..lb. .10⅜- —
16, inferior ivory sorts.....lb. .09½- —
17, pale fingers.....lb. .18⅝- —
18, pale straw nubs.....lb. .19½- —
19, pale straw nubs.....lb. .18⅝- —
20, hard dark amber nubs. lb. .13¼- —
21, ordinary selected nubs. lb. .12⅜- —
22, small mixed nubs.....lb. .10⅜- —
23, dark, mixed nubs.....lb. .11⅞- —
24, No. 1, ivory nubs.....lb. .17¼- —
26, pale small nubs.....lb. .10⅜- —
27, pale small nubs.....lb. .10¼- —
28, pale dust.....lb. .06¾- —
Batu, bold scraped.....lb. .11¼- —
unscraped .....lb. .10¼- —
chips .....lb. .07¼- —
dust .....lb. .07 - —
nubs and chips.....lb. .07¼- —
black, bold, scraped.....lb. .12½- —
unscraped .....lb. .08 - —
nubs and chips.....lb. .07¾- —
Hiroe, Macassar, pale bold, lb. .17⅜- —
chips .....lb. .11½- —
dust .....lb. .07 - —
nubs .....lb. .13⅜- —
Singapore, Rasak, bold....lb. .22⅜- —
chips .....lb. .12⅜- —
dust .....lb. .07 - —
nubs .....lb. .17⅜- —
Manila, Boeas, amber and dark, bskts..lb. .14 - —
light, bskts.....lb. .15⅜- —
Loba A, bskts.....lb. .14½- —
B, bskts.....lb. .14¼- —
C, bskts.....lb. .13⅞- —
CNE, bskts.....lb. .10½- —
D, bskts.....lb. .13¼- —
DK, bskts.....lb. .10 - —
dust, bskts.....lb. .07⅞- —
Sambas and white split chips, bskts..lb. .15⅝- —
Singapore, dust, bskts.....lb. .07⅞- —
Spirit-soluble, CBB, bskts. lb. .13½- —
DBB, bskts.....lb. .12¼- —
MA, bskts.....lb. .10¼- —
MB, bskts.....lb. .09¾- —
WS, bskts.....lb. .12¼- —
Philippine, Manila, amber sorts, bskts..lb. .10⅝- —
chips, pale, bskts.....lb. .13½- —
pale, small, bskts.....lb. .11⅞- —
extra pale, sorts, bskts...lb. .13¼- —
nubs, bskts.....lb. .14¼- —
scraped, bskts.....lb. .15½- —
seeds and dust, bskts.....lb. .09⅜- —
Pontianak, bold, genuine, bgs. lb. .22⅞- —
mixed, bgs.....lb. .17⅞- —
split, bgs.....lb. .19⅝- —
chips, bgs.....lb. .14½- —
nubs, bgs.....lb. .18⅞- —
Dammar, Batavia, A, cs, same basis as copal..lb. .35¾- —
A/C, cs.....lb. .31¼- —
A/D, cs.....lb. .28⅜- —
A/E, cs.....lb. .25⅝- —
B, cs.....lb. .34⅜- —
C, cs.....lb. .28⅜- —
D, cs.....lb. .25⅜- —
dust, cs.....lb. .13⅜- —
E, cs.....lb. .18¾- —
F, cs.....lb. .13¾- —
Singapore, 1 cs.....lb. .30⅝- —
2, cs.....lb. .25⅜- —
3, cs.....lb. .12⅜- —
chips, cs.....lb. .23½- —
dust, cs.....lb. .13 - —
seeds, cs.....lb. .17¾- —

Gum, elemi, cns., same basis as copal..lb. .08⅞- —
Ester, ordinary, c.l., dms., contract, dlvd. New Eng., N. Y., N. J., Pa., Va., N. C., Ky., Ohio, Ind., Mich., Wis. and Ill..lb. .08½- .09½
Mont., Idaho, Wyo., Nev., Utah, Col., Ariz., N. Mex. and Western Tex..lb. .09 - .10
Other points.....lb. .08⅝- .10½
For delivery of 3,000 pounds, prices are ½c. per pound higher than the above in each case; for delivery of smaller lots, prices are ½c. per pound higher in each case. Spot prices are ½c. per pound higher.
Pacific Coast (water shipt.)..lb. .08½- .10
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. 2.30 - 2.35
powd., bbls.....lb. 2.50 - 2.55
Ghatti, soluble, bgs.....lb. .11 - .15
Guaiac (see Guaiac resins).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l..lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .15½- —

Gum, kauri, pale, XXX, cs., same basis..lb. .61 - —
1, cs., c.l., same basis....lb. .41 - —
2, cs., c.l., same basis....lb. .24 - —
3, cs., c.l., same basis....lb. .17¾- —
Kino, tins.....lb. No prices
Locust bean, powd., bbls....lb. 1.00 - 1.65
Mastic, cs.....lb. 3.25 - 3.30
Myrrh, USP, cs.....lb. .78 - .79
Olibanum, siftings, cs.....lb. .12 - .13
tears, cs.....lb. .20 - .35
Opium (see O).
Rosin (see R).
Sandarac, cks.....lb. 1.00 - 1.10
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Thus, bbls.....280 lbs.16.50 - —
Tragacanth, Aleppo, 1 cs....lb. 3.50 - 3.60
2 cs.....lb. 2.00 - 3.00
3 cs.....lb. 1.10 - 1.20
Yacca, bgs.....lb. .06½- .07¾
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
Harlem River, N. Y., frt. equald..ton.27.65 - —
New Brighton, N. Y., frt. equald..ton.27.65 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —

Green, Chrome—Gypsum

Gypsum, plaster of paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Gypsum, plaster of Paris, paper bgs., f.o.b. Southard, Oklahoma, frt. equald, ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Akron, N. Y.; Blue Rapids, Kansas; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; Natonal City, Mich.; New Brighton, N. Y.; Plasterco, Va.; Portsmouth, N. H.; Roton, Tex.; Saltville, Va.; Southard, Okla.; Sweetwater, Tex.; frt. equald.....ton. 8.00 - —
Terra Alba, dom., paper bgs., c.l., f.o.b. New Brighton, N.Y.; Southard, Okla..ton.12.00 - —
Harlem River, N.Y..ton.12.00 - —
import, bgs., ex dock....ton. No prices

Stroock & Wittenberg
CORPORATION

Resins
THE COMPLETE LINE

S & W SYNTHETICS

"S & W" ESTER GUM — all types
"AROFENE" * — pure phenolics
"AROCHEM" * — modified types
"CONGO GUM" — raw, fused and esterified
"AROPLAZ" * — alkyds

S & W NATURALS

ACCROIDES
BATU
CONGO
MANILA
BATAVIA DAMARS
SINGAPORE DAMARS
BLACK EAST INDIAS
PALE EAST INDIAS
PONTIANAK
LOBA
ELEMI
KAURI

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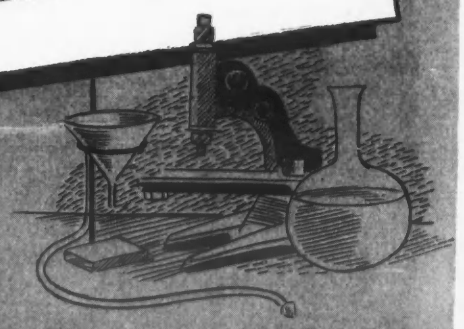

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STROOCK & WITTENBERG CORP. • 60 East 42nd Street • New York City

Hawthorn Berries—Magnesia

H

Hawthorn berries, bgs.....lb. 1.25 - 1.30
Heliotropin, cryst., cns.....lb. 4.00 - 4.10
Hellebore root, white, powd., bbls, lb. .36 - .42
Helonias root, bls.....lb. .63 - .64
Hematine, cryst., bgs., No. 1..lb. .34 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bxs., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03½ Nom.
l.c.l., bbls., works.....lb. .03¾ Nom.
tanks, works.....lb. .03 Nom.
Hempseed, Manchur, bgs.....lb. .16 - .17
Henbane leaves, bbls.....lb. 2.85 - 2.90
Henna leaves, bls.....lb. .28 - .30
powd., bbls., bxs.....lb. .33 - .35
Heptanes,[1] 56°-100°C, industrial grade, dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gal., Group 3.....gal. .55 - —
77°-115°C, industrial grade, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gal., Group 3.....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[2,3,6] tech., dms., 1,500 lbs. or more, shipment, f.o.b. Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexanes,[1] 60°-70°C, industrial grade, dms., c.l., Group 3..gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .11 - —
laboratory grads. dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gal., Group 3.....gal. .55 - —
Hexanol, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, 25 oz., bots..oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit. 3.50 - 4.00
Hops, NF, bls.....lb. .26 - .27
Horehound, bls.....lb. .15 - .16
Hydrangea root, bls.....lb. No prices
Hydrastine, bots., 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 ozs..oz.20.00 - —
Sulphate, bots., 4 ozs.....oz.20.00 - —
Hydrastine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. River; West Coast via Panama Canal..lb. .16 - .18½
Hydroquinone, dealers, bbls., dms, lb. .90 - .94
Hydroxy citronellol, cns.....lb. No prices
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz.37.50 - —
Hydrobromide, bots.....oz.37.50 - —
Sulphate, bots.....oz.37.50 - —
Hypernic, cryst., bgs., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .19 - —

I

Iceland moss, bls.....lb. 1.45 - 1.50
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 2.14 - 2.20
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indian metal.....oz.12.50 - —
Indol, CP, bots.....lb.28.00 -30.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse., Staten Island..lb. 1.35 - 1.44
resubl., bots., 5 lbs.....lb. 2.10 - —
jars, 50 lbs.....lb. 2.00 - —
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.75 - 2.80
beta, bots.....lb. 3.90 - 3.95
Methyl, alpha, 100%, cns....lb. 4.35 - —
Ipecac root, bgs.....lb. 1.45 - 1.50
powd., bxs.....lb. 1.50 - 1.55
Irish moss, ordinary, bls.....lb. .30 - .35
powd., 80-90 mesh, bbls..lb. .50 - .55
prime bleached, bls.....lb. .80 - .85
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
Iron, chloride, cryst., bbls., works, alld. or equald.....lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
liquor, cbys., wks., frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs.....lb. .08½- —
solut. cbys., works, frt. alld. or equald..lb. .06½- .07
djns.....lb. .07½- —
Citrate, USP VIII, pearls....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.30 - 3.39
100-lb. lots.....lb. 3.40 - 3.49
cns., 25 lbs.....lb. 3.52 - 3.62
Hyposulphite, bbls., dms.....lb. 1.50 - 1.60
Iodide, bots.....lb. 3.18 - 3.32
syrup, cbys.....lb. .39 - .40
bots.....lb. .53 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, powd., kgs.....lb. .47 - .49
cns.....lb. .52 - —
scales, cns.....lb. .82 - .85
Oxide, black, bbls., works...lb. .08 - —
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
Iron, phosphate, ferric, scales, cns., 50 lbs..lb. .59 - —
25 lbs.....lb. .62 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 99%, cs.....lb. .65 - .75
Sulphate, tech. (see Coppers and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., 2,000-lb. lots, dms..lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
pearls, 2,000-lb. lots, dms..lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
scales, 2,000-lb. lots, dms..lb. .44 - —
200-lb. lots, dms.....lb. .47 - —
Prices on green are the same as for brown.
Iron-ammonia oxalate, bbls...lb. .23½- —
dms., kgs.....lb. .25½- —
Iron-soda oxalate, bbls.....lb. .23½- —
dms.....lb. .25½- .26½
Isobutyl acetate, 55-gal. dms., works..lb. .0860- —
tanks, works.....lb. .0730- —
Propionate, dms., works...lb. .102 - —
Isopentane, 50-gal. dms., single, works..gal. .45 - —
10-gal. dms., single, works..gal. .55 - —
Isophorone, dms., works.....lb. .25 - —
Isopropylamine, dms., works...lb. .35 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .12 - —
c.l., E. of Rockies, frt. alld. lb. .08½- —
l.c.l., E. of Rockies, frt. alld..lb .09 - —
tanks, E. of Rockies, frt. alld..lb. .07½- —
Alcohol (see Alcohol).
Ether, dms., 5 gals., frt. alld. gal. .55 - —
55 gals., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gals., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld. gal. .44 - —
tanks, E. of Miss., frt. alld. gal. .25 - —
W. of Miss., frt. alld.. gal. .29 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .65 - .70
powd., bbls., bxs.....lb. .70 - .75
resin, lump, 100-lb. lots, cns..lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, bgs.....lb. .55 - .60

K

Kamala, tins.....lb. .33 - .34
Kaolin (see China clay).
Kava kava root, bls.....lb. .24 - .26
Kerosene[1] at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0530-.0550
California (f.o.b. San Francisco), truck..gal. .11½- —
Gulf ports, 41-43, bulk....gal. .04 - .04½
Louisiana-Arkansas, 41-43 w.w., bulk..gal. .04⅜- .04¾
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04⅜- .04⅝
Pennsylvania, 45 w.w., tanks, gal. .06¼- .06½
Kola nuts, bgs.....lb. .07½- .08

L

Lady slipper root, bls.....lb. .53 - .55
Lanolin (see Adeps lanae).
Lard,[3] city, tubs.....100 lbs. 12.25 -12.50
Middlewestern, trcs....100 lbs. 12.20 -12.30
Neutral, trcs.....100 lbs. 12.75 -13.00
Western, choice, trcs..100 lbs. 12.30 -12.40
Compound, trcs.....100 lbs. 17.00 -17.25
Larkspur seed, bgs.....lb. 5.75 - 6.00
Laurel berries, bls.....lb. .25 - .26
Greek, bls.....lb. .58 - .59
Cypress, bls.....lb. .52 - .54
Portuguese, bls.....lb. .21 - .22
Spanish.....lb. .22 - .24
Lavender flowers, ordinary, bls.lb. .40 - .45
medium, bls.....lb. .83 - .85
select, bls.....lb. .95 - 1.00
Lead,[3] metal (see paint market).
Acetate, white, broken, bbls.lb. .12 - .12½
cryst., bbls.....lb. .12 - .12½
gran., bbls.....lb. .12¾- .13¼
powd., bbls.....lb. .12¾- .13¼
Arsenate, bls., c.l.....lb. .11 - .12
l.c.l., bgs.....lb. .11½- .12½
Lead arsenate prices are works or whse. basis, frt. alld.,[3] to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07½- —
l.c.l., dlvd. E.....lb. .07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N.M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms., 100 lbs...lb. .49 - —
Iodide, NF V, powd., 5-lb. bots. lb. 2.80 - —
jars.....lb. 2.69 - —
Linoleate, pale, precip., dms.lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .10 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Peroxide, powd., bbls., tech..lb. .23 - —
Oleate, bbls.....lb. .18½- .20
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Other points.....lb. .09 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Lead, red, dry, 95%, Pb_3O_4, l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. Cascade Mts. in Ore. and Wash...lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc..lb. .10½- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09½- —
other points.....lb. .09¾- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¾- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala...lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 95% min., 100-lb. kgs. lb. .14 - —
Resinate, fused, 15%, bbls...lb. .09½- —
pale, bbls.....lb. .11½- —
Silicate, bgs., 5 tons.....lb. .0730- —
smaller lots.....lb. .0780- —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white basic sulphate).
Nitrate, bgs., or bbls., c.l., basic sulphate, bbls., c.l. (20 tons), works, frt. alld..lb. .10¼- —
l.c.l., 5 tons, one delivery, E., frt. alld...lb. .10½- —
Pac. Cst., ex whse....lb. .10½- —
smaller lots, E. frt. alld..lb. .10¾- —
Pac. Cst., ex whse....lb. .10¾- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., Wash. and Wyo..lb. .08½- —
other points.....lb. .08¾- —
l.c.l., dlvd. Ariz., etc...lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc.....lb. .07½- —
other points.....lb. .07¼- —
l.c.l., dlvd. Ariz., etc...lb. .08 - —
other points.....lb. .07½- —
in oil, 100-lb. kgs., consumers, lb. .13¾- —
dealers.....lb. .11¾- —
painters.....lb. .12¾- —
Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.
Lecithin, 100% cns., f.o.b. N.Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 and 3, dom., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .59 - .67½
grade 4, dms., c.l., same basis lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grade 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis. lb. .40 - —

Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .38 - .39
Licorice extract, mass, cs.....lb. No prices
powd., bbls.....lb. No prices
root, natural, bls.....lb. .17 - .18
powder, bbls., bls.....lb. .20 - .21
select, bdls., cs.....lb. No stocks
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.50 - —
Hydrated, paper bgs., f.o.b.:—
Adams, Mass.....ton. 8.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Lime, hylrated:—
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal...ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bgs., f.o.b.—
Adams, Mass.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J.....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs. or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis..lb. .08½- .09½
dms., same basis.....lb. .12 - —
Solution, Zone 1, dms., consumers..gal. .16 - —
Zone 2, tanks, dealers, wks. gal. .08½- —
30-50, dms.....gal. .11 - .16
Zone 3, tanks, dealers, dlvd. ga. .07½- —
30-50, dms.....gal. .10½- .14½
Zone 4, tanks, dealers, wks. gal. .08 —
dms., wks., except Cal.gal. .12 —
Zone 5, tanks, dealers, dlvd. gal. .10½- —
dms.....gal. .12 - —
Zone 6, tanks, dealers.....gal. .07½- —
30-50, dms.....gal. .10 - .14
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. river. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minn., Mo. and Tenn. west of Tenn. river; Penn., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.
Linalool, cns.....lb. 6.50 - 7.00
Linalyl acetate, 70%, cns.....lb. 5.50 - 6.50
90%, cns.....lb. 6.50 - 6.75
92%, cns.....lb. 7.00 - 7.25
Linden flowers, bls.....lb. .95 - 1.15
without leaves, bls..... No stocks
Linseed meal, bulk.....ton.34.00 - —
Litharge, com'l powd., bbls., 20 tons, dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
dlvd. other points.....lb. .0790- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash...lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash...lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —
smaller lots, dlvd. Ala., etc..lb. .09½- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —
Lithium bromide, bbls., 100 lbs., works, frt. equald..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, NF VI, 250-lb. bbls. lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone,[2] titanated (high-strength), bgs., c.l., (20 ton)..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l. (20 tons).....lb. .0585- —
smaller lots.....lb. .0610- —
ordinary, bgs., c.l. (20 tons).lb. .04¼- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —
Lithopone in car lots is ¼c. per lb. higher delivered to the Pac. Cst. and in less car lots is ½c. higher ex whse., Pac. Cst.
Livermort, leaves, bls.....lb. .60 - .65
Libella, herb, bls.....lb. .48 - .50
Logwood, cryst., bgs., No. 1..lb. .28 - —
No. 2..lb. .26 - —
extract, bbls., No. 1.....lb. .14 - —
No. 2..lb. .13 - —
No. 3..lb. .12½- —
No. 4..lb. .10 - —
solid, bxs., No. 1.....lb. .23½- —
No. 2..lb. .21½- —
Lovage root, dms., bls.....lb. .60 - .65
imported, bls.....lb. No stocks
Lupulin, N.E., tins.....lb. 1.70 - 1.75
Lycopodium, cs.....lb. 8.50 Nom.

M

Mace, Banda, cs.....lb. .99 - 1.00
Batavia, cs.....lb. .48 - .49
Siauw, cs.....lb. .75 - .80
West Indian, cs.....lb. .80 - .85
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., wks..lb. .26 - —

Magnesia, carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls. .....lb. .08¼- —
kgs. .....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls. .....lb. .09½- —
kgs .....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs.....lb. .08¾- —
bbls. .....lb. .09¼- —
kgs. .....lb. .10½- —
Other points.....lb. .08 - —
Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md. c.l. shipments, frt. equald. with Phillipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of N.S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Magnesium, chloride, anhyd., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., wks., c.l. ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hydroxide, med., 200-lb. bbls.lb. .25 - —
25-lb. dms.....lb. .30 - —
100-lb. kgs.....lb. .26 - —
Hypophosphite, cns., 100 lb..lb. 1.45 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 - .35
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .20 - .25
Stearate, bbls., ctns., 1 ton..lb. .31 - —
smaller lots.....lb. .33 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms..lb. .37 - —
smaller lots, dms.....lb. .42 - —
cs., 500-lb. lots.....lb. .40 - —
100-lb. lots.....lb. .42 - —
5-lb. cns.....lb. .60 - —

Magnesite, cal., dom., bgs., pwd., f.o.b. mines, Calif..ton.58.75 - —
l.c.l., dlvd. N. Y.....ton.80.00 - —
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -25.00

Malva flowers, black, bls.....lb. 1.75 - 2.00
blue, bls.....lb. 2.25 - 2.50
Leaves, bls.....lb. .40 - .65

Manaca root, bls.....lb. .23 - .24

Mandrake root, bls.....lb. .25 - .26

Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .14 Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works. ton.74.00 - —
5-15 tons, works.....ton.77.00 - —
½, 4 tons, works.....ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works.....ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works.. ton.71.75 - —
l.c.l., 5 tons, works...ton.74.75 - —
smaller lots, works..ton.79.75 - —
paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works....ton.73.00 - —

Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.05 - 3.14
100-lb. lots.....lb. 3.15 - 3.24
cns., 25 lbs.....lb. 3.27 - 3.36
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .19 - —
Resinate, fused, 3½%, bbls.ton. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., ton lots, works..lb. .10½ Nom.
single, bbls., works.....lb. .11½ Nom.
fertilizer, 65%, MnSo., bgs., c.l., dlvd. rail stations in Southern freight territory .....ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. or Cincinnati .....ton.66.50 - —

Mangrove bark, bgs., shipt....ton. No price
Manna flake, large, cs.....lb. No stocks
small, cs.....lb. 3.45 - 3.50
Mannitol, com'l grade, bbls., ton lots, works..lb. .35 - —
smaller lots, works.....lb. .40 - —
reagent grade, 50-lb. cs., or multiples, works..lb. .85 - —

Marjoram, French, No. 1.....lb. .84 - .86
Tunisian, bls.....lb. .55 - .56
Chilean .....lb. .45 - .46
Matico leaves, bls.....lb. .22 - .24

Menthol, natural, cs.....lb. 13.00 -13.50
synthetic, USP, cs.....lb. No prices
technical, 60-lb. cs.....lb. 3.00 - —
smaller lots.....lb. 3.10 - 3.25
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs..lb. 1.44 - —
25 lbs.....lb. 1.46 - —
50%, pails, 50 lbs.....lb. 2.09 - —
25 lbs.....lb. 2.11 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, 5-lb. bots.....lb. 3.02 - —
100-lb. fib. dms.....lb. 2.89 - —
25-lb. jars.....lb. 2.91 - —
Chloride (see Calomel).
Cyanide, cryst.....lb. 4.00 - 4.05
powd. .....lb. 4.00 - 4.05
Iodide, red, NF, 5-lb. bots..lb. 4.66 - 4.71
100-lb. fib. dms.....lb. 4.60 - —
yellow, 5-lb. bots.....lb. 4.76 - 4.81
fib. dms., 100 lbs.....lb. 4.70 - —
Nitrate ointment (see Citrine ointment).
tech. (see Red, mercury oxide).
Oxide, yellow, tech. (see Yellow, mercury oxide).
NF VI, fib. dms., 50 lbs. or more..lb. 3.38 - —
red, NF (see Red precipitate).
Mercury and chalk, 5-lb. ctns..lb. 1.98 - —
25-lb. fib. dms.....lb. 1.86 - 1.88
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —

Metal leaf, Japanese, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 2.50 - —
composition, 5½x5½ in.....pkg. 3.00 - —
gold, XX, deep, 23K, 3⅜x3⅜ in. pkg.15.00 - —
silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs....lb. .70 - —
Methanol, natural, [1,5,6] producer group A, all grades, E. of Miss R., tanks..gal. .60 - —
dms., c.l.....gal. .66 - —
l.c.l. .....gal. .76 - —
Methanol prices W. of Miss. R. are 3c. per gal. higher.
Natural, pure, group B, tanks, frt. alld., Zone 1..gal. .50 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .54 - —
Zone 4.....gal. .54½- —
dms., c.l., Zone 1.....gal. .55½- —
Zone 2.....gal. .57½- —
Zone 3.....gal. .59½- —
Zone 4.....gal. .61½- —
l.c.l., Zone 1.....gal. .58½- —
Zone 2.....gal. .75½- —
Zone 3.....gal. .62½- —
Zone 4.....gal. .75½- —

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Va., W. Va., Wisc.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.

Methanol, synthetic, [2,5,6] pure, dms., c.l., Zone 1, frt. alld..gal. .34½- —
2, frt. alld. or dlvd..gal. .44½- —
3, frt. alld.....gal. .38½- —
4, frt. alld.....gal. .40½- —
dms., l.c.l., Zone 1, frt. alld. or dlvd..gal. .37 - —
2, frt. alld.....gal. .36½- —
3, dlvd., S. F. and L. A. gal. .41 - —
4, frt. alld. or dlvd..gal. .52½- —
tanks, Zone 1, frt. alld..gal. .28 - —
2, frt. alld.....gal. .30 - —
3, frt. alld.....gal. .32 - —
4, frt. alld.....gal. .22½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- .12
W. of Miss. R.....lb. .11½- .13
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - .14
W. of Miss. R.....lb. .12 - .13½
tanks, dlvd. E. of Miss. R.lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .08 - .10

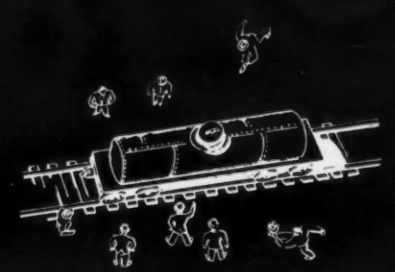
Magnesia Carb.—Methyl Chl.

Methyl acetate, tech., dms., l.c.l., dlvd. E. of Miss. R. lb. .07½- .11
dlvd. W. of Miss. R..lb. .07½- .10½
tanks, dlvd. E. of Miss. R. lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, E. of Rockies, frt. alld., tanks..gal. .75 - —
dms., c.l., same basis..gal. .81 - —
l.c.l., same basis...gal. .86 - —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Synthetic, tanks, Zone 1..gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —
dms., c.l., Zone 1.....gal. .51 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - —
25-lb. lots, bots.....lb. 2.35 - —
Benzoate, cns., 25 lbs.....lb. 1.10 - 1.15
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —

LET'S SHARE THE WEALTH OF CHEMICALS



The chemists of this Nation will meet every war need. The big problem is to keep the supply of chemicals flowing to meet first needs first. So great, however, is the wealth of chemicals produced in the U. S. A., that there should be enough of nearly everything for everybody who can contribute to winning the war.

HOOKER
CAN HELP YOU

Besides increasing its production facilities and continuing this expansion, HOOKER is helping users of chemicals in many ways. Among these are intensified co-operation in solving problems inherent in our war economy — revising processes to conserve chemicals, developing ways of using the more plentiful chemicals in place of scarcer products, developing new chemicals, helping manufacturers to change from civilian to wartime production, solving all sorts of production problems involving the choice and use of chemicals.

We at Hooker believe that such service will go far toward enabling industry to share the wealth of chemicals America produces.

Some of the many HOOKER Chemicals

Caustic Soda
Liquid Chlorine
Bleaching Powder
Muriatic Acid
Hydrogen
Ferric Chloride Solution
Sulfur Dichloride
Sulfur Monochloride
Aluminum Chloride, Anhydrous
Antimony Trichloride, Anhydrous
Arsenic Trichloride, Anhydrous
Monochlorbenzene
Orthodichlorbenzene
Paradichlorbenzene
Trichlorbenzene 1:2:4
Tetrachlorbenzene 1:2:4:5
Tetrachlorbenzene 1:2:3:4
Pentachlorbenzene
Hexachlorbenzene
Monochlortoluene
Ammonium Benzoate
Benzoate of Soda
Methyl Benzoate
Benzoic Acid
Benzoic Anhydride
Benzal Chloride
Benzotrichloride
Benzoyl Chloride
Benzyl Alcohol
Benzyl Chloride
Meta Nitrobenzoic Acid
Meta Nitrobenzoyl Chloride
Para Nitrobenzoyl Chloride
Chlorinated Paraffin
Methyl Dichlor Stearate
Dichlor Stearic Acid
Methyl Stearate
Alpha Chlor Naphthalene
Dichlor Naphthalene
Polychlor Naphthalenes
Cyclohexanol
Methyl Cyclohexanol
Piperidine
Acetyl Chloride
Butyryl Chloride
Iso Propyl Chloride
Phosgene
Propionyl Chloride
Sulfuryl Chloride
Thionyl Chloride
Chlor Anisidine
2:5 Dichlor Aniline
Sodium Sulfhydrate
Sodium Sulfide

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NIAGARA FALLS, NEW YORK
NEW YORK CITY • TACOMA, WASHINGTON

HOOKER HE CO ELECTROCHEMICAL

2215

Mustard Seed—Oil, Lubric.

Methyl, chloride, refrig., 60 to 400 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Methyl, cinnamate, bls.....lb. 1.50 - 4.00
Formate, dms.....lb. .80 - —
Lactate, dms., l.c.l., dlvd...lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate, dms.....lb. .35 - .37
cns.....lb. .37 - .40
Molybdated[2] violet toner, bbls., lb. .35 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, dms., 2,000 lbs. or more, works..lb. .50 - —
100 to 1,999 lbs., works...lb. .55 - —
1 to 99 lbs., works.....lb. .60 - —
Methylcyclohexane, 98-100%, dm., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98 - 100%, dms., works..lb. .32 - —
Methylene blue, medic., kgs., 100 lbs..lb. 2.60 - —
cns., 5 lbs.....lb. 2.75 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .09 - —
l.c.l., same terms.....lb. .09½- —
tanks, same terms.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11 - —
Methylnaphthyl ketone, dom., crvst., cns..lb. 3.09 - 3.10
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee...ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.00 - —
400 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.19.50 - —
Mica, dry grd., amber, No. 1 quality, c.l..ton.30.00 - —
l.c.l., 5,000 lbs.....ton.40.00 - —
1,000 lbs.....lb. .02 - —
500 lbs.....lb. .02½- —
100 lbs.....lb. .03 - —
Mica, dry grd., refined, c.l...ton 20.00 - —
l.c.l., 5,000 lbs.....ton.24.00 - —
paint, c.l.....ton.55.00 - —
l.c.l., 5,000 lbs.....ton.65.00 - —
white, No. 1 quality, c.l...ton.35.00 - —
l.c.l., 5,000 lbs.....ton.45.00 - —
1,000 lbs.....lb. .02½- —
500 lbs.....lb. .03 - —
roofing, c.l.....ton.29.00 - —
l.c.l., 5,000 lbs.....ton.39.00 - —
paint, c.l.....ton.60.00 - —
l.c.l., 5,000 lbs.....ton.70.00 - —
wet grd., paint or lacquer, c.l..lb. .04½- —
l.c.l.....lb. .05 - —
paper, wall or coated, c.l.lb. .04½- —
l.c.l.....lb. .05 - —
rubber, c.l.....lb. .04¾- —
l.c.l.....lb. .04¾- —
Biotite, c.l.....lb. .03¾- —
l.c.l.....lb. .04¼- —

Mica, dry grd., is quoted in bags at the works; wet grd. mica in carload lots is frt. alld. E., and in less carload lots ex wharf or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher west of the Mississippi.

Milk, powder, skimmed, roller, bbls., c.l..lb. .14 - .15
l.c.l.....lb. .15 - .16
spray, bbls., c.l.....lb. .14¾- .15½
l.c.l.....lb. .15½- .16½
unskimmed, roller, bbls., c.l., lb. .26 - .27
l.c.l.....lb. .26½- .27½
spray, bbls., c.l.....lb. .27 - .28
l.c.l.....lb. .27½- .28½
Mint seed, yellow, bgs.....lb. .03 - .03½
early fortune, bgs.....lb. .03 - .03½
hulled, bgs.....lb. .07 - .07½
Mineral spirits (see Petroleum thinners and VM & P naphtha).

Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .16 - .17
f.o.b. Gulf ports.....gal. .16 - .20
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Trioxide, pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., wks..lb. .50 - —
l.c.l., works.....lb. .53 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., wks..lb. .37 - —
l.c.l., works.....lb. .40 - —
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks.....lb. .23 - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Monochlorobenzene, dms., l.c.l.lb. .07 - —
smaller ers.....lb. .08 - .09
Monoethylaniline, dms.....lb. .47 - —
Monomethylamine, dms., c.l., l.c.l., lvd.....lb. .65 - —
Monomethylpara-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs. oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, powd., 5-oz. bots. oz. 9.00 - —
25-oz cans.....lb. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c., works..lb. .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cans.....lb. .12 - .13
flowers, cns.....lb. 1.75 - 2.10
Musk, nat., Tonquin, grains, bots.....oz.37.00 -39.00
synth., ambrette, cns., 100 lbs. or more..lb. 4.00 - —
5 lbs. to 75 lbs.....lb. 4.10 - —
1 lb.....lb. 4.45 - —
ketone, cns., 100 lbs. or more. lb. 4.15 - —
5 lbs. to 75 lbs.....lb. 4.25 - —
1 lb.....lb. 4.60 - —
xylol, cns., 100 lbs. or more..lb. 1.40 - —
5 lbs. to 75 lbs.....lb. 1.50 - —
1 lb.....lb. 1.80 - —
Musk root, bls.....lb. 2.45 - 2.50
Mustard seed, California, brown, lb. .16 - .16½
yellow, bgs.....lb. .12½- .13
Chinese, yellow, bgs.....lb. .07 - .07½
Danish, yellow.....lb. .27 - .28
Montana, yellow, bgs.....lb. .07½- .08
Roumanian, yellow.....lb. .14½- .15
Washington, yellow, bgs.....lb. .07 - .07½
Myrobalans, JI, bgs., f.a.s...ton. No prices
J2, bgs., f.a.s.....ton. No prices
Extract, liquid, 25%, bbls....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, bbls.....lb. No prices

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[8] crude, dom., 74 deg., tanks, works..100 lbs. 2.50 - 2.75
78 deg., tanks works..100 lbs. 2.75 - 3.00
Refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .08 - —
50-lb. cs., same basis.....lb. .08¼- —
pkgs. (16-oz.), same basis..lb. .08½- —
(12 oz.), same basis....pkg. .07 - —
Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic)
Nickel carbonate, bbls.....lb. .34 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, 100 lbs., dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine, sulphate, 40%, dms., wo ks, frt. alld..lb. .703 - —
10-lb. tins.....lb. .86½- —
Niger seed, bgs.....lb. .20 - .22
Nitercake bulk, works.....ton.16.00 - —
Nit obenzene, dbl. disc., dms., c.l. lb. .08 - —
l.c.l.....lb. .09 - —
tanks.....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½ and 40 sec. vis., bbls., wks. lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester, soluble, 30-35, ¼, ½ sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —
Lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are retunable.

Nitroethane, l.c.l., dms., works.lb. .25 - —
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit–ton.1.2158- —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f.o.b. Carrollville, Wis. dlvd..unit-ton. 2.60 - —
Chemical, Ill.....unit-ton. 2.60 - —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f.o.b. East Coast producing points..unit-ton. 2.75 - 8.00
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. No prices
Nitromethane, l.c.l., dms., wks.lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, l.c.l., dms., works. lb. .25 - —
II, same basis.....lb. .25 - —
Nutgalls, Aleppo, bgs., oz.....lb. No price
Chinese, whole.....lb. .43 Nom.
Extract (see Gall extract).
Nutmegs, E. I., 80s, bgs., cs..lb. No prices
110s, bgs., cs.....lb. No prices
small, grinding, bgs.....lb. .30 - .31
West Indian, bgs.....lb. .27 - .28
Nux vomica, bls.....lb. .08 - .09
powd., bbls., bxs.....lb. .12 - .13

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .03½ Nom.
l.c.l., bbls., works.....lb. .03¾ Nom.
tanks.....lb. .02 Nom.
Ocher (see Yellow).
Octane,[1] 100-140° C., industrial grade, dms., c.l., G. 3. gal. .15½- —
l.c.l., G.3.....gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artif. (see Benzaldehyde)
natural, U.S.P., bots.....lb. 3.50 - 3.75
sweet, true, exp., dms., cns. lb. 2.45 - 2.50
Amber, crude, cns.....lb. No stocks
ref'd, cns.....lb. No stocks
Angelica, root, bots.....lb. 115.00-120.00
seed, bots.....lb. 120.00-125.00
Anilin (see A).
Anise, USP, cns., dms.....lb. 2.30 - 2.35

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OIL OF ORANGE
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ORANGE FLAVOR
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• TRUE ORANGE AROMA
• EXCEPTIONAL STABILITY
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Oil, apricot, kernels, cns.....lb. .40 - .48
Avocado, cns., dms.....lb. 1.00 - 1.25
Bay, W. I., 50-55% phenols, cns..lb. 1.55 - 1.60
Porto Rican, 55-60% phenols, cns..lb. 1.65 - 1.70
Bergamot, artif., cns.....lb. 2.75 - 2.25
natural, coppers.....lb.32.00 -35.00
Birch (see Oil, sweet, birch).
Birchtar, crude, cns.....lb. No prices
rect'fd., cns.....lb. No prices
Bois de Rose, Brazil, cns....lb. 5.00 - 5.25
Mexican (see Linaloe, wood).
Bone, dms., works.....gal. .65 - .75
Cade, USP IX (see Oil Juniper tar).
Cajeput, tech., dms.....lb. 2.10 - 2.20
USP, IX, cns.....lb. 2.15 - 2.20
USP, X, cns.....lb. 2.45 - 2.50
Calamus, cns.....lb. No stocks
Camphor, sassafrassy, cns...lb. .42 - .43
dms. .....lb. .40 - .41
white, cns.....lb. .45 - .46
dms. .....lb. .43 - .44
Cananga, native, cns.....lb.14.75 -15.00
rectified, cns.....lb.15.00 -15.25
Capsicum (oleoresin), USP VIII, cns..lb. 3.85 - 5.50
Caraway, USP, cns.....lb.15.00 -18.00
Cardamom, bots.....lb.35.00 -38.00
Cassia, USP, cns.....lb.11.00 -11.50
Castor,[1,5] blown, one-way dms., c.l..lb. .14 - —
l.c.l. .....lb. .14¾- —
cold pressed, USP, bbls., cl., lb. .12¾- —
l.c.l. .....lb. .13¼- —
cns. (1-gal.), l.c.l.....lb. .16½- —
cns. (5-gal), l.c.l.....lb. .14½- —
dms. (returnable), c.l...lb. .12½- —
l.c.l. .....lb. .13¼- —
tanks .....lb. .11¾- —
dehydrated, dms., c.l.....lb. .1690- —
l.c.l. .....lb. .1730- —
tanks .....lb. .16 - —
extracted, No. 3, tech., bbls., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
dms. (returnable), c.l.....lb. .12¼- —
l.c.l. .....lb. .13 - —
tanks .....lb. .11¼- —
sulphonated, 50% (43% fat), dms., c.l..lb. .08¾- —
l.c.l. .....lb. .09¾- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .12½- —
80% (68% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .13 - —
Cedarleaf, cs.....lb. 1.45 - 1.50
dms. .....lb. 1.40 - 1.45
Cedarwood, Southern, dms...lb. .90 - .95
Celery, bots.....lb.35.00 -38.00
Chaulmoogra, USP, cns.....lb. — -—
Chinawood[3], dms.....lb. .40½ Nom.
tanks .....lb. .38¾ Nom.
Cinnamon, bark, bots.....lb. 11.00 -32.00
leaf, dms.....lb. 2.00 Nom.
Citronella, Ceylon, cns.....lb. 1.30 - 1.35
dms. .....lb. 1.25 - 1.30
Java, cns., dms.....lb. 1.40 - 1.45
Clove, makers, USP, cns....lb. 1.60 - 1.70
dms. .....lb. 1.50 - 1.60
Coconut,[6] Manila, crude, tanks, lb. No prices
edible, 76°, ret. dms., l.c...lb. No prices
Cod[3], Newf., dms.....gal. .85 - —
Codliver,[3] med., USP.....bbl.72.00 -85.00
Coriander, bots.....lb.25.00 -30.00
Corn,[3] crude, tanks, works..lb. .12½ Nom.
refd., bbls.....lb. .15½ Nom.
Cottonseed,[3] cooking, bbls...lb. .16¼- —
salad, bbls.....lb. .16½- —
Creosote (see C).
Croton, N F., cns.....lb. 3.00 - 3.25
Cubeb, USP, cns.....lb. 4.00 - 4.25
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -12.00
Cypress, bots. .....lb.12.00 - —
Degras (see D).
Dill seed, bots.....lb. No stocks
weed, bots.....lb. 7.75 8.00
Dip (see D).
Erigeron, cns. .....lb. 2.45 - 2.50
Eucalyptus, cns.....lb. .85 - .90
dms. .....lb. .80 - .85
Fennel, sweet, cns.....lb. 3.00 - 3.30
Gaultheria (see Oil, wintergreen leaf)
Geranium, Algerian, rose, cns. lb.17.00 -18.00
Bourbon, cns.....lb.17.00 -18.00
Turkish (see Palmarosa).
Grapefruit, cns. .....lb. 1.65 - 2.65
Grapeseed, dom., dms.....lb. .35 - .36
imported, dms. .....lb. .20 - .25
Ginger, dist., bots.....lb.20.00 -21.00
Guaiac wood, concrete, bots.lb. 4.50 - 4.75
Halibut[4] liver, ref., dms...gal.73.00 Nom.
Hemlock, cns. .....lb. .95 - 1.15
Juniper, berry, cns.....lb.15.00 -20.00
wood, tech., cns.....lb. No stocks
Juniper tar, USP XI, dms...lb. .80 - .95
Lard,[3] common, 1, bbls.....lb. .14¼- —
2 bbls.....lb. .14 - —
extra, bbls.....lb. .15 - —
1, bbls.....lb. .14½- —
winter, strained, bbls.....lb. .15 - —
prime, burning, bbls.....lb. .15½- —
prime, ined., bbls.....lb. .15 - —
Laurel, bots.....lb. 5.00 Nom.
Lavandin, cns., 25 lbs.....lb. No stocks
Lavender, flower, French, cns. lb. No prices
garden, cns.....lb. .55 - .70
spike, Spanish, tech., cns..lb. 2.85 - 3.10
dms. .....lb. 2.75 - 3.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, coppers, cns.....lb. 5.50 Nom.
Terpeneless, Type 1.....lb.10.75 -17.00
Type 2.....lb. 8.50 -15.00
Uruguay, 10 kilo cans.....lb. 5.50 - 5.75
Lemongrass, native, cns., dms. lb. 3.25 - 3.50
Lime, dist., cns.....lb.13.00 -14.00
expressed, cns.....lb.16.00 -17.00
Lignaloe, wood, Mexican, cns. cns..lb. 3.50 - 3.75
Brazilian (see Bois de rose).
Linseed,[3] raw, dms., c.l.....lb. .1190- .1210
L.c.l., 10 to 69.....lb. .1210- .1230
5 to 9.....lb. .1250- .1270
less than 5.....lb. .1270- .1290
tanks .....lb. .1100- .1120
boiled linseed oil .004 cent over raw.
Lovage, extra fine, bots.....lb.85.00 - —
Lubricating,[1] at refinery, ex tax.
California, neutrals, pale, 200-600 vis., 2¼- 4, tanks. gal. .07¼- .11
red, 200-900 vis., 4-6½ plus, tanks..gal. .07¼- .11¼
Group 3, bright stock, 400-210 D, 0-25 pour, tanks.. gal. .19½- .24½
neutral, 150-400 vis., 3-3½, 0-10 pour, tanks..gal. .12¼- .17¾
200-280 vis., 3, 15-25 pour, tanks..gal. .12 - .14¼
Pennsylvania[3], bright stocks, 8 color, 140-150 vis., 10-25 pour, tanks..gal. .25 - .30½
cylinder oils, 600-630 flash, tanks..gal. .16 - .18
600-650 steam ref'd, tanks.. gal. .15 - .16½
Oil, lubricating, Penna., neutra., 70° F., 3 color, 150 200 vis., 0-25 pour, tanks. gal. 33- .40½
Mace, dist., cns., dms.....lb. 3.25 - 3.50
Mandarin, Brazilian, cns.....lb. 8.00 - 9.00
Italian, coppers.....lb.15.00 -Nom
Menhaden,[3] crude, tanks, Balto. gal. .63¾ Nom.
ref'd, alkali, ret. dms.....lb. .1200- .1240
kettle-bodied, ret. dms....lb. .1300- .1340
light-pressed, ret. dms....lb. .1100- .1140
tanks .....lb. .1020 Nom.
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, bots., cns., lb. 1.50 - 1.60
dist., natural, bots.....lb. 9.50 -10.00
Neatsfoot,[6] 20° c.t., bbls...lb. .25¾- —
extra, bbls.....lb. .14½- —
1, bbls.....lb. .14 - —
prime, bbls.....lb. .14¾- —
pure, bbls.....lb. .17¾- —
Neroli, bots.....lb.200.00 375.00
Nutmeg, dist., cans, dms....lb. 3.25 - 3.50
Oiticica,[3] liquid, dms.....lb. .25¼ Nom.
tanks .....lb. .25 Nom.
solid, dms.....lb. .24¼ Nom.
Oleo, [1] bbls.....lb. .13¼- —
2, bbls.....lb. .13 - —
Olibanum, bots.....lb. 5.00 - 5.25
Olive,[3] denat., dms.....gal. 4.40 - 4.50
edible, Calif., dms.....gal. 5.00 - 5.30
imported, dms.....gal. 5.50 - 5.85
foots, dms.....lb. .19 Nom
Oil, olive, sulphonated, 50% (40% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
75% (63% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
80% (68% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
Orange, sweet, dist., cs.....lb. 1.70 - —
expressed, Calif., cns.....lb. 3.25 - —
Argentine, 10-gallon cns....lb. 3.00 - 3.25
Brazilian, cns.....lb. 2.85 - 3.10
Florida, cns.....lb. 2.80 - 2.90
Messina, USP, coppers...lb. 8.00 Nom.
West Indies, cns.....lb. 4.75 - 6.00
terpeneless .....lb.35.00 -175.00
Origanum, cs. .....lb. 2.85 - 2.90
Palm[3], Niger, dms.....lb. .09¼ Nom.
Sumatra, tanks.....lb. No prices
distant, ship't, bulk.....lb. No prices
Palmarosa, cns.....lb. 5.50 - 6.00
Paraffin,[3] 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
100-105 vis., bbls., extra, Ind., refy..gal. .14 - —
300° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Paraffin,[1] 320° flash, 60-70 vis., Peanut,[3] crude, tanks, mill..lb. .13 Nom.
refd., edible, bbls.....lb. .16¾ Nom.
Pennyroyal, e. o., cns.....lb. 2.50 - 2.60
import, cns.....lb. 2.40 - 2.50
Peppermint, natural, cns., dms lb. 6.00 - 6.25
redist., USP, cns, dms...lb. 6.50 - 6.75
Oil, perilla,[3] dms.....lb. .2460- —
tanks .....lb. .2380- —
Petitgrain, Paraguay, cns...lb. 1.80 - 1.85
dms. .....lb. 1.75 - 1.80
Pimento berry, cns.....lb. 6.75 - 7.50
leaf, cns.....lb. 3.95 - 4.00
Pine, dest. dist., straw-color, dms., divd., E. ports..gal. .74 - —
steam-dist., dms.....gal. 1.10 Nom.
Pineneedle, Siberian, cns....lb. 2.90 - 3.00
Putty,[3] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Boston, Providence, gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed[1], tax incl., dms....lb. .15½ Nom.
tax not incl., tanks.....lb. .10 Nom.
blown, dms.....lb. .18 - .18½
Red,[6] dist., or saponif., dms., divd..lb. .12¾- .14
tanks, divd.....lb. .12 - .12¼
West coast prices one cent higher.
Rose, synth., bots.....lb. 4.00 -60.00
natural, coppers.....oz.25.00 -30.00
Rosemary, Spanish, cns.....lb. 1.80 - 1.85
dms. .....lb. 1.75 - 1.80
Rosin, 1st rectified, dms....gal. 48 - —
2d rectified, dms.....gal. .50 - —
3d rectified, dms.....gal. .54 - —
Rue, bots. .....lb. 7.25 - —

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Oil, Sage—Pentaery'ol

Oil, sage, cns.	lb.	No stocks
Sandalwood, domestic, distilled, UP, cns.	lb.	5.85 - 6.00
Mysore, cns., case lots	lb.	6.00 - 6.25
Sardine, crude, fut., tanks, Pac. Cst.	gal.	.66½ Nom.
refd., alkali, ret. dms.	lb.	.1200- .1240
kettle-bodied, ret. dms.	lb.	.1300- .1340
light, pressed, ret. dms.	lb.	.1100- .1140
tanks	lb.	.1020 Nom.
Sassafras, artif., cns.	lb.	No prices
natural, dom., cns., dms.	lb.	1.05 - 1.20
Savin, cns.	lb.	No stocks
Savory, cns.	lb.	No stocks
Shark[4] liver, crude, dms. million vitamin units.		No prices
Shingle stains, bbls., c.l., works.	gal.	.19 - —
l.c.l., works	gal.	.20 - —
tanks, works	gal.	.14 - —
Snakeroot, Canada, cns.	lb.	8.50 -10.00
Soybean, dom., crude, dms.	lb.	.13 Nom.
tanks	lb.	.12¼ Nom.
refd., dms	lb.	.14¼ Nom.
tanks	lb.	.13½ Nom.
Spearmint, dms.	lb.	3.10 - 3.25
Sperm[5], bleach, 38°, dms.	lb.	.1301- —
45°, dms.	lb.	.1278- —
natural, dms.	lb.	.1223- —
Spruce, cns., dms.	lb.	.95 - 1.15
Sweet, birch, North, cns.	lb.	3.00 - 4.00
South, cns.	lb.	2.25 - 2.50
Tall, crude, dms., c.l., works.	ton.	40.00 - —
l.c.l., works	ton.	45.00 -50.00
tanks, works	ton.	30.00- —
Oil, tall, distilled, dms., c.l., dlvd.	lb.	.05½- .07
l.c.l., dlvd	lb.	.06½- .08¾
tanks, dlvd	lb.	.05 - .06¾
refined, dms., c.l., works	lb.	.04 - —
l.c.l., works	lb.	.04½- —
tanks, works	lb.	.03¼- —
Tallow,[3] acidless, bbls.	lb.	.13½- —
tanks	lb.	.13 - —
Tansy, cns.	lb.	4.00 - 4.10
Tar, pine, com'l, dms., c.l., dlvd. E. cities	gal.	.32½- —
E. ports, c.l.	gal.	.32 - —
l.c.l.	gal.	.34½- —
tanks, dlvd. E. cities	gal.	.24 - —
rectified., USP, bbls., l.c.l., dlvd. E. ports	gal.	.60 - —
Tar acid (see T).		
Teaseed,[5] crude, dms.	lb.	.30 - —
refined, dms.	lb.	.32 - —
Tea tree (see Oil, Ti tree).		
thyme, NF, red, cns.	lb.	1.85 - 2.20
white, cns.	lb.	1.95 - 2.35
Tung (see Oil, Chinawood).		
Ti tree, cns.	lb.	2.50 - 2.65
Turkey red (see castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	8.50 - —
Vetiver, Java, bots.	lb.	30.00 -31.00
Whale, ref., natural, dms.	lb.	.1070- —
winter, bleach. dms.	lb.	.1110- —
Wheat germ, dms., cont., dlvd., 100 gal.	gal.	10.00 - —
dms., 50 gal.	gal.	11.50 - —
dms., 25 gal.	gal.	12.50 - —
dms., 10 gal.	gal.	13.50 - —
dms., 5 gal.	gal.	14.00 - —
cns., 1 gal.	gal.	15.00 - —
Oil, white,[2] mineral, dom., tech., 50-60 vis., dms.	gal.	.41 - .49
65-75 vis., dms.	gal.	.42 - .50
80-90 vis., dms.	gal.	.43 - .52
USP, 80-90 vis., dms.	gal.	.45 - .54
95-105 vis., dms.	gal.	.50½- .59½
125-135 vis., dms.	gal.	.56 - .63
140-150 vis., dms.	gal.	.58 - .69
175-185 vis., dms.	gal.	.61½- .70½
200-210 vis., dms.	gal.	.64½- .73½
320-330 vis., dms.	gal.	.72 - .81
335-345 vis., dms.	gal.	.73 - .82
Russian, 80-90 vis., dms.	gal.	No prices
145-155 vis., dms.	gal.	No prices
175-185 vis., dms.	gal.	No prices
335-345 vis., dms.	gal.	No prices
Wintergreen, natural, North, cns.	lb.	4.75 - 6.00
South, cns	lb.	3.50 - 3.85
synth (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Worm seed, cns.	lb.	2.85 - 3.25
Wormwood, cns.	lb.	4.50 - 5.00
Ylang-ylang, Bourb., bots., cns.	lb.	20.00 -24.00
Manila, bots.	lb.	35.00 -40.00
Olivine, aggregate c.l., mines,	ton.	7.00 -11.00
Lumps, same basis	ton.	7.00 - —
Spalls, same basis	ton.	5.00 - —
crushed, 8 mesh, bulk, c.l., works	ton.	8.00 - —
paper bags, c.l., wks.	ton.	9.50 - —
325 mesh, c.l., mines	ton.	20.00 - —
200 mesh, c.l., mines	ton.	17.00 - —
100 mesh, c.l., mines	ton.	15.00 - —
20 mesh to dust	ton	12.00 - —

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Opium gum, USP, 50-lb. lots, cns.	lb.	13.00 - —
25-lb. lots, cns.	lb.	13.25 - —
5-lb. lots, cns.	lb.	13.50 - —
1-lb. lots, cns.	lb.	13.65 - —
Prices on powd. and gran. USP opium are $1.50 per pound higher.		
Orange, Lake, Persian, bbls.	lb.	.30 - .45
Mineral, Amer., bbls., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.12¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore., Wash.,	lb.	.12¾- —
Colo., Mont., N. M., Wyo.	lb.	.12½- —
other points	lb.	.12 - —
smaller lots, dlvd., Ala., etc.	lb.	.12¾- —
Ariz., etc.	lb.	.13¼- —
Colo., Mont., N. M., Wyo.	lb.	.13 - —
Other points	lb.	.12½- —
French, Tours, casks, ex dock,	lb.	No prices
kgs., ex dock	lb.	No prices
Molybdate, bbls.	lb.	.31 - —
Toner, bbls.	lb.	.80 - 1.05
Orangeflower petals, cs.	lb.	.65 - .70
Orange peel, bitter, bbls.	lb.	.30 - .31
sweet, bls.	lb.	.15 - .17
Haitian, bgs.	lb.	.09 - .10
Orris root, Florentine, bgs.	lb.	No prices
fingers, cs.	lb.	No stocks
powd., bbls., bxs.	lb.	2.95 - 3.00
Verona, bls.	lb.	No prices
powd., bgs., cns.	lb.	No prices
Orthoamylphenol, l.c.l., dms., works.	lb.	.25 - —
Orthoanisidin, bbls.	lb.	.70 - —
Orthochloranilin, dms.	lb.	.60 - .70
Orthochlorophenol, dms.	lb.	.32 - —
Orthocresol,[7] dms., c.l., wks.	lb.	.17 - .17½
l.c.l., same basis	lb.	.17½- .18
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.06 - .07½
l.c.l., same basis	lb.	.07 - .08½
100-lb. tins, same basis.	lb.	.08 - .09
50-lb. tins, same basis.	lb.	.09 - .10
tanks, same basis	lb.	.05½- .06½
Orthodichlorobenzene prices west of Rockies, 1c. per lb. higher.		
Orthonitroanilin, dms.	lb.	.45 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .16
Orthonitroparachlorophenol, cns.	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.09 - —
Orthophenetidin, dms.	lb.	.82 - —
Orthotoluidin, dms.	lb.	.19 - —
Osage orange, crystals, bgs.	lb.	.23 - —
extract, bbls., No. 1.	lb.	.11 - —
No. 2.	lb.	.10 - —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50 - —
bots., cns., 1-50 lbs.	lb.	3.75 - 4.15

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Papain, powd., cs.	lb.	2.90 - 3.75
Paprika, Algerian, bgs.	lb.	.35 - .40
Portuguese, extra fancy, bgs.	lb.	.54 - .55
good, bgs.	lb.	.32 - .33
Spanish, extra fancy, cs.	lb.	.55 - .56
medium, cs.	lb.	.52 - .54
Parachlorophenol, dms.	lb.	.32 - —
Paracymene, refd., dms.	gal.	.75 - 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11 - .13
l.c.l.	lb.	.12½- .15
Paraffin,[1] crude scale and semi-refined, 122-124 A.M.P., slack bbls. or 100-kilo bgs., 10,000 lbs., f.o.b. refinery	lb.	.04¼- —
124-126 A.M.P., same basis	lb.	.04¾- —
126-128 A.M.P., same basis	lb.	.04½- —
128-130 A.M.P., same basis	lb.	.04¾- —
130-132 A.M.P., same basis	lb.	.05 - —
132-134 A.M.P., same basis	lb.	.05¼- —
134-136 A.M.P., same basis	lb.	.05½- —
fully refined, 120-122 A.M.P., bbls., slabs, loose, same basis	lb.	.05 - —
123-125 A.M.P., slabs, loose, same basis	lb.	.0520- —
125-127 A.M.P., slabs, loose, same basis	lb.	.0520- —
128-130 A.M.P., slabs, loose, same basis	lb.	.0560- —
130-132 A.M.P., slabs, loose, same basis	lb.	.0585- —
131-133 A.M.P., slabs, loose, same basis	lb.	.0585- —
133-135 A.M.P., slabs, loose, same basis	lb.	.0615- —
135-137 A.M.P., slabs, loose, same basis	lb.	.0640- —
138-140 A.M.P., slabs, loose, same basis	lb.	.0715- —
141-143 A.M.P., slabs, loose, same basis	lb.	.0765- —
143-145 A.M.P., slabs, loose, same basis	lb.	.0810- —
146-148 A.M.P., slabs, loose, same basis	lb.	.0930- —
149-151 A.M.P., slabs, loose, same basis	lb.	.10½- —
Paraffin wax, crude and semi-refined, packed in 50-kilo bgs., is 10 points per lb. higher; prices on slabbed material are 20 points per lb. higher than on solid. Tankcar prices are 30 points less than barrel prices. Fully refined wax in bags is 40 points higher than slabs loose; fully refined wax in tankcars is 5 points lower than slabs loose prices.		
Paraformaldehyde,[8,9,6] dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C.	lb.	.23 - —
100 to 900 lbs., shipments, same basis	lb.	.24 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works.	lb.	.12 - —
5 and 10-gal. dms., works.	lb.	.15 - —
USP, cns., cbys.	lb.	.37 - .45
Paranitrophenol, kgs.	lb.	.35 - —
Paranisidine, dms.	lb.	.75 - —
Paranitroanilin, kgs., works.	lb.	.45 - —
Paranitrochlorobenzene, kgs.	lb.	.15 - —
Paranitrotoluene, kgs.	lb.	.30 - —
Paraphenylenediamine, bbls.	lb.	1.25 - 1.30
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls.	lb.	.48 - —
Pareira brava root, bls.	lb.	.21 - .22
Paris green, dealer, dms., kegs, c.l., f.o.b. wks., frt. alld.	lb.	.24 - .26
l.c.l., same basis	lb.	.25 - .27
Passion flower, herb, bls.	lb.	.07 - .08
Patchouli leaves, bls.	lb.	.30 - .31
Pectin, 200 lb. bbls.	lb.	.75 - —
Pellitory root, bls.	lb.	.65 - .70
Pennyroyal leaves, bls.	lb.	.15 - .16
Pentachlorophenol, dms., works.	lb.	.20 - .25
Pentaerythritol, C.P., bbls., dlvd.	lb.	.75 - —
less than barrel lot	lb.	1.00 - —
tech., bbls., dlvd.	lb.	.33½- .35½
less than barrel lots	lb.	.40 - —
Tetra acetate, bbls., dlvd.	lb.	1.00 - —
less than barrel lot	lb.	1.50 - —

Pentanes,[1] 28°-38° C., industrial grade, dms., c.l., G.3, gal.	.11	- —
l.c.l., G.3 gal.	.19	- —
tanks, G.3 gal.	.08½	- —
laboratory grade, dms., c.l., G.3 gal.	.16	- —
l.c.l., G.3 gal.	.29	- —
10 gal., G.3 gal.	.55	- —
Pepper, black[1], bgs lb.	.06¼	- —
white[1], bgs lb.	.11½	- —
red, chillies, Japan, Hontaka lb.	.45	- .46
Mombassa, bgs lb.	.27	- .28
Sierre Leone, bgs lb.	.23½	- .24
Peppermint leaves, dom., bls. lb.	.70	- .75
import, bls lb.	1.00	- 1.10
Perchlorethylene,[3] dms., c.l., works, frt. alld., zone 1, lb.	.08	- —
l.c.l., same basis lb.	.08½	- —
Zone 2, dms., c.l., works, frt. alld. lb.	.08½	- —
l.c.l., same basis lb.	.09	- —
Zone 3, dms., c.l., works, frt. alld. lb.	.09	- —
l.c.l., same basis lb.	.09½	- —
Zone 4, dms., c.l., f.o.b. stock points lb.	.09	- —
l.c.l., same basis lb.	.09½	- —

All prices on perchlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms. lb.	1.25	- 1.30
Petrolatum,[2] amber, dms. lb.	.03½	- —
l.c.l. lb.	.04½	- —
amber, extra, dms. lb.	.03¾	- —
l.c.l. lb.	.04¾	- —
white, cream, dms., c.l. lb.	.05	- —
l.c.l. lb.	.06½	- —
lily, dms., c.l. lb.	.05¾	- —
l.c.l. lb.	.07¼	- —
snow, dms., c.l. lb.	.06½	- —
l.c.l. lb.	.08	- —
Petroleum,[1] crude, bulk, at wells—		
California bbl.	.68	- 1.53
Central West—		
Illinois bbl.	1.22	- 1.37
Michigan bbl.	1.24	- 1.44
Indiana bbl.	1.22	- —
East Texas bbl.	1.25	- —
Gulf Coast bbl.	1.06	- 1.48
Louisiana, Arkansas bbl.	.94	- 1.36
Midcontinent (Oklahoma, Kansas, North Texas) bbl.	.75	- 1.25
Pennsylvania, Ohio, West Virginia—		
Bradford, Allegany bbl.	2.75	- —
Corning bbl.	1.31	- —
N. Y. Transit lines bbl.	2.75	- —
Eureka lines bbl.	2.34	- —
S. W. Penn lines bbl.	2.40	- —
Lower district in National Transit lined bbl.	2.63	- 2.68
Rocky Mountains bbl.	.96	- 1.20
South Central and Southwestern Texas bbl.	1.03	- 1.50
Texas Panhandle, W. Texas and N. Mexico bbl.	.70	- 1.15
Ether laboratory grade, 30-60°C., c.l. gal.	.18	- —
l.c.l. gal.	.29	- —
10 gals. gal.	.55	- —
35-60°C., l.c.l. gal.	.29	- —
10 gals. gal.	.55	- —
40-75°C., c.l. gal.	.16	- —
l.c.l. gal.	.29	- —
10 gals. gal.	.55	- —

Petroleum ether prices are spot quotations, f.o.b. Group 3, for material packed in drums.

Lacquer diluent at refinery:—		
California, 100 l.b.h., 200 e.p., tanks, dlvd., Los Angeles gal.	.11	- —
San Francisco gal.	.11½	- —
Willbridge, Ore., Fort Wells, Wash. gal.	.12	- —
East Coast, N. Y., tanks, gal.	.11	- —
N. J., tanks gal.	.11	- —
Group 3, toluol type, tanks, gal.	.07¾	- .08¼
Benzol type, tanks gal.	.07¾	- .08¼
Mineral spirits at refinery, California (f.o.b. San Francisco), 166-252 b.r., tanks, gal.	.10½	- —
196-256 b.r., tanks gal.	.10½	- —
246-397 b.r., tanks gal.	.10½	- —
312-408 b.r., tanks gal.	.09	- —
362-458 b.r., tanks gal.	.09	- —
East Coast, N. Y., tanks, gal.	.09½	- —
N. J., tanks gal.	.09½	- —
Group 3, tanks gal.	.06½	- —
Gulf Coast, tanks gal.	.06½	- —
tankwagon:—		
Albany gal.	.13½	- —
Baltimore (100 gals.) gal.	.14	- —
25-99 gals. gal.	.10	- —
Boston gal.	.11½	- —
Bound Brook, North Amboy, N. J. gal.	.10½	- —
Bridgeport, Conn. gal.	.11½	- —
Buffalo gal.	.1190	- —
Camden, N. J. gal.	.10½	- —
Chicago gal.	.1670	- —
Decatur gal.	.1810	- —
Des Moines gal.	.1790	- —
Evansville, Ind. gal.	.1420	- .1620
Milwaukee gal.	.1930	- —
Minneapolis-St. Paul gal.	.19½	- —
Newark gal.	.10½	- —
New York (200 gal.) gal.	.10½	- —
Omaha gal.	.12½	- —
Pittsburgh gal.	.11½	- .13½
Providence gal.	.12	- —
Rochester gal.	.1270	- —
St. Louis gal.	.1470	- —
Syracuse gal.	.13½	- —
Trenton gal.	.10½	- —
Wilmington, Del. gal.	.12½	- —
Naphtha, cleaners, at refinery:—		
California f.o.b. San Francisco), tanks gal.	.12	- —
East Coast, N. Y., tanks, gal.	.10½	- —
N. J., tanks gal.	.10½	- —
Group 3, tanks gal.	.07½	- —
Gulf Coast (f.o.b. New Orleans), tanks gal.	.06¾	- —
tankwagon, Boston, ex tax. gal.	.12½	- —
Bridgeport gal.	.13½	- —
Chicago, inc. 4c. tax gal.	.18	- —
Decatur, inc. 4c. tax gal.	.1910	- —
Des Moines, inc. 4c. tax, gal.	.1890	- —
Evansville, inc. ex tax. gal.	.15	- .16

Petroleum, naphtha, cleaners', tankwagon, Milwaukee, inc. 5c. tax. gal.	.2030	- —
Minneapolis-St. Paul, inc. 5c. tax. gal.	.20½	- —
Newark, ex tax gal.	.10½	- —
New York, ex tax gal.	.11½	- —
Omaha, ex tax gal.	.1490	- .1590
Oklahoma City, ex tax. gal.	.16½	- —
Philadelphia, ex tax gal.	.12	- —
St. Louis, inc. 1c. tax. gal.	.15½	- —
Syracuse, 150 gals. gal.	.14½	- —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway gal.	.21½	- —
No. 2, over 90% arom., same basis gal.	.21½	- —
3, same basis gal.	.22½	- —
8, tanks, f.o.b. Wilmington, Cal. gal.	.14	- —
30, same basis gal.	.13½	- —
40, same basis gal.	.13½	- —
V.M.&P., at refinery:—		
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo gal.	.11	- —
Richmond gal.	.11½	- —
Willbridge, Ore., Pt. Wells, Wash. gal.	.12	- —
54-57, 190 i.b.p., 310 e.p., tanks, dlvd. Los Angeles gal.	.10	- —
San Francisco gal.	.10½	- —
Portland, Seattle gal.	.11	- —
East Coast N. Y., tanks, gal.	.10½	- —
N. J., tanks gal.	.10½	- —
Group 3, tanks gal.	.07½	- —
Gulf Coast (dlvd. New Orleans), tanks gal.	.06½	- —

Petroleum, naphtha, V.M.&P., tankwagon, Boston, ex tax, gal.	.12½	- —
Chicago, inc. 4c. tax gal.	.17	- —
Des Moines, inc. 4c. tax, gal.	.1890	- —
Decatur, inc. 4c. tax gal.	.1910	- —
Evansville, Inc., ex tax, gal.	.1520	- .1620
Milwaukee, inc. 5c. tax. gal.	.2030	- —
Minneapolis-St. Paul, inc. 5c. tax. gal.	.20	- —
Newark, ex tax gal.	.11½	- —
New York, ex tax gal.	.10½	- —
Omaha, ex tax gal.	.1490	- .1590
Philadelphia, ex tax gal.	.13	- —
St. Louis, inc. 1c. tax. gal.	.1570	- —
Solvent, rubber, at refinery, California (f.o.b. San Francisco) gal.	.24	- —
East Coast, N. Y., tanks, gal.	.10½	- —
N. J., tanks gal.	.10½	- —
Group 3, tanks gal.	.07½	- —
Stoddard (CS 8-33), at refinery:—		
California (f.o.b. San Francisco), tanks gal.	.11	- —
East Coast, N. Y., tanks, gal.	.09½	- —
N. J., tanks gal.	.09½	- —
Group 3, tanks gal.	.06½	- —
Tankwagon, Boston, ex tax. gal.	.11½	- —
Chicago, inc. 4c. tax. gal.	.1640	- —
Decatur, inc. 4c. tax. gal.	.1860	- —
Des Moines, inc. 4c. tax, gal.	.1840	- —
Evansville, Ind., ex tax, gal.	.14	- .15
Milwaukee, inc. 5c tax, gal.	.1980	- —

Pentanes—Phenylhydrazine

Petroleum, solvent, Stoddard, Minneapolis-St. Paul, inc. 5c. tax. gal.	.1820	- —
Newark, ex tax gal.	.09½	- —
New Orleans, ex tax. gal.	.11	- —
New York, ex tax gal.	.10½	- —
Omaha gal.	.1360	- .1450
Philadelphia, ex tax. gal.	.13	- —
St. Louis, inc. 1c. tax. gal.	.1340	- —
Tulsa, ex tax gal.	.10½	- .11½
Phenobarbital, 5lb. bots. lb.	4.35	- —
bots. or cns., 100 lbs., spot or contract lb.	4.00	- —
25-lb. cns lb.	4.25	- —
Phenol,[1] USP, dms., c.l., works, frt. equald. lb.	.12½	- —
l.c.l., same basis lb.	.13¼	- —
under 1,000 lbs lb.	.14¼	- —
tanks, works lb.	.11½	- —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots lb.	.85	- —
bbls., dms., kegs, 100-250 lbs. lb.	.87	- .89
yellow, fib. dms., 2,000-lb. lots. lb.	.80	- —
100-lb. fib. dms lb.	.82	- —
25-lb. dms lb.	.87	- —
50-lb. kgs lb.	.84	- —
Phenyl chloride, dms lb.	.17	- —
Phenylacetaldehyde, bots. lb.	5.00	- 6.00
dimethylacetate, cns lb.	14.50	-15.00
Phenyl ethyl acetate, cns. lb.	5.00	- 5.25
Phenylethylphenyl acetate, bots. lb.	8.00	-15.00
Phenylhydrazine, base, CP, bots. lb.	4.55	- —
hydrochloride, CP, bots., works. lb.	7.10	- —
commercial, kgs., works lb.	1.75	- —

Non-Critical High Acid and Alkali RESISTANT PAINT

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Available for Immediate Delivery

• •

THE HARRINGTON PAINT CO.
INCORPORATED
1630 Collamer Avenue Cleveland, Ohio
PHONE: GLENVILLE 4112

Phloroglucinol—Silica

Phloroglucinol, CP, tins, wks..lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77%-76%.....long ton. 5.00 - —
land pebble, 68%-66%.long ton. 2.00 - —
70%-68% .....long ton. 2.40 - —
72%-70% .....long ton. 3.00 - —
75%-74% .....long ton. 4.00 - —
Tenn., 72%-70%.....long ton. 5.00 - —
75%-74% .....long ton. 6.00 - —
Phosphate rock prices are for shipment in bulk, f.o.b. mines.
Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases .....lb. .23 - .25
Oxychloride,[4] cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works..lb. .11 - .12
l.c.l., dms., works.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., wks., ton..lb. .35 - —
single, bbls., works.....lb. .40 - —
kgs., works.....lb. .45 - .50
Phthalic anhydride,[4] bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .08 - .09
Pilocarpine hydrochloride, bots., vls..oz. 4.00 - 5.25
Nitrate, bots., vls.....oz. 3.85 - 5.50
Pimento, Jamaica, bgs.....lb. .24 - .24½
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. .60 - .65
Pitch, burgundy (see E).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
hardwood, 1-time dms., c.l., dlvd. Akron..ton.23.75 -24.00
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pitch, pine, bbls.....bbl. 6.75 - 7.00
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bls ..lb. .12 - .13
Podophyllin, dms., dlvd. E. of Miss..lb. 8.75 - 9.00
Poke root, bls.....lb. .10 - .11
Polyamyl naphthalene, l.c.l., dms., works..lb. .25 - —
Pomegranate bark, bgs.....lb. .70 - .75
Root bark, bgs.....lb. No stocks
Poppy flowers, red, bls.....lb. .70 - .85
Seed, Dutch, bgs.....lb. .62 - .64
Indian, white, bgs.....lb. .11 - .11½
Turkish, bgs.....lb. .46 - .47
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., 250 lbs..lb. .28 - —
cns., 25 lbs.....lb. .31 - .44
Arsenite, USP, solut., 100-lb. lots, cbys., demijs..lb. .13 - .18
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .14 - —
gran., bbls., 250 lbs.....lb. .14 - —
Bichromate,[3,5] spots, c.l., works .lb. .09¾- —
6 casks or 10 bbls., or over, works..lb. .09¾- —
5 casks or 9 bbls., or less, works..lb. .10 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - .31
kgs., 100 lbs.....lb. .28 - .32
Carbonate, calc., dms., c.l., works..lb. .06¼- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02¾- —
USP, gran., bbls., 325 lbs. lb. .14 - .16
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs. .....lb. .21 - —
Caustic, flake, 88-92%, dom., l.c.l., works.....lb. .07¼- —
c.l., works..lb. .07 - —
liquid, 45% basis, dms....lb. .03¼- .03¼
tanks .....lb. .02¾- —
solid, 83-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chlorate,[3] cryst., kgs.....lb. .11 Nom.
powd., kgs.....lb. .09¾- .10
Chloride, tech., 98%, cryst., bgs., kgs..lb. .08 Nom.
Chromate,[3,5] kgs.....lb. .24 - .27
Citrate, USP, gran., 250-lb. bbls., lbs..lb. .33½- —
100-lb. dms.....lb. .34½- —
50-lb. dms.....lb. .35½- —
25-lb. dms.....lb. .37½- —
powd., 3c. per lb higher
Cyanide, dom., dms., works..lb. .55 - —
Cyanide, gold, 41% gold, cyls., works, frt. allowed..lb. .20 -14 w
Glycerophosphate, 75%, s o l., dms....1,000-lb. lots..lb. 1.50 - 1.52
100-lb. lots.....lb. 1.60 - 1.62
50-lb. lots, cbys. or cns.lb. 1.65 - 1.67
25-lb. lots, cns.....lb. 1.75 - 1.77
Guaiacolsulphonate, fib. dms., 100-lb. lots..lb. 1.75 - —
25 lbs to 50 lbs.....lb. 1.80 - 1.85
Hydroxide, USP, sticks, cns., 100 lbs. to 1,000 lbs..lb. .32 - .34
Hypophosphite, cns., 100 lbs..lb. .72 - —
25 to 50 lbs .....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 8.45 - —
cns., 25 lbs.....lb. 8.85 - —
Iodide, bots or cns.....lb. 1.44 - 1.88
dms. .....lb. 1.35 - 1.38
Kainit, 20%, K_2O, bulk, ex vessel, Atlantic or Gulf ports ton. No prices
Manure salt, dom., run-of-mine grade, bulk, ex vessel, ports..unit-ton. .60 - —
f.o.b. Carlsbad, N.M. unit-ton. .20 - .21
Import, 30%, K_2O, bulk, ex vessel, Atlantic or Gulf ports..ton. No prices
Metabisulphite, kgs.....lb. .18 - .30
Muriate, dom., min. 50% K_2O, bulk, ex vessel, ports.. unit-ton. .56 - .58
60% K_2O, same basis, unit-ton. .53½- —
Import, min. 50% or 60% K_2O, bulk, ex vessel, Atlantic or Gulf ports..unit-ton. No prices

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price named above.

Oxalate, pure, cryst., kgs...lb. .40 - .42
tech., bbls., dms.....lb. .28 - .30
Nitrate, crude, bgs., c.l.f. ports. ton. No prices
Perchlorate,[3] kgs.. wks.....lb. .09¾- .11
Permanganate,[3] tech., dms., works..lb. .19¾- .20¼
USP, dms., wks.....lb. .20½- .21
Prussiate, red, bbls.....lb. No prices
Yellow, spot, bbls.....lb. .17 - .19
Potash, ricinoleate, tech., bbls., lb. .18 - —
Silicate alkaline, lumps, bgs., lb. .07 - —
Sulphate, NF, powd., 550 lbs., bbls..lb. .15 Nom.
100-lb. kgs.....lb. .17 - —
Prices on granular 4c. higher.
tech., dom., bulk basis, 90%, K_2SO_4, ex vessel, ports..ton.36.25 - —
imp., min., 90%, bgs., ex vessel, Atl. or Gulf ports..ton. No prices
Xanthate, dms., c.l.....lb. .12 - —
Sulphocyanide, C.P., dms....lb. .75 - .85
N.F., dms.....lb. .55 - .65
Potash-magnesia, sulphate, dom., bulk, 40%, K_2SO_4, ex vessel, ports..ton.26.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .43
Potash titanium oxalate, 350-lb. bbls..lb. .45 - —
100-lb. dms.....lb. .50 - —
Prickly ash bark, bls.....lb. .11½- .12
Berries, bgs.....lb. .30 - .31
Prince's pine herb, bls.....lb. .28 - .29
Procaine, hydrochloride, 25-lb. cns., lb. 8.00 - —
5-lb. cans.....lb. 8.25 - 8.50
1-lb. bots .....lb 8.75 - —
Propane,[1] industrial grade, tanks, Group 3..gal. .03 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. 1.10 Nom.
Pumice, dom., grd., fine, 4F, 3F, 2F, F, O, bgs., f.o.b. Chicago, 2,000 lbs. and up. lb. .04 - —
600-1,999 lbs.....lb. .04¼- —
100-599 lbs.....lb. .04¾- —
f.o.b. New York, 2,000 lbs. and up..lb. .03⅝- —
500-1,999 lbs.....lb. .03⅝- —
100- 499 lbs.....lb. .04 - —
coarse, 0½, ¼, 1, 1¼, 2, 3, bgs., f.o.b. Chicago, 2,000 lbs. and up..lb. .04¼- —
600-1,999 lbs.....lb. .04½- —
100-599 lbs.....lb. .05 - —
f.o.b. New York, 2,000 lbs. and up..lb. .03⅝- —
500-1,999 lbs.....lb. .03¾- —
100- 499 lbs.....lb. .04¼- —
Imp., Italian.....lb. No prices
Pumice stone packed in barrels is ¼c per lb. higher than the above prices.
Pumpkin seed, bgs.....lb. .12 - .18
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms., dlvd..gal. 4.30 - —
(30 to 1), 3 grams pyrethrins per 100 cc., dms., dlvd..gal. 6.35 - —
Pyrethrum flowers, coarse, grnd (g.f.p.) 0.9% pyrethrins, frt. alld., bbls..lb. .22 - .23
fine powd., 0.9% pyrethrins, frt. alld., bbls..lb. .23 - .24
Pyridin, denaturing, dms .gal 1.75
refd., 2°, dms.....lb. .46 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports..unit-ton. No prices
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l., mines..ton.10.00 - —
325 mesh, same basis....ton.12.00 - —
No. 3, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis....ton.11.00 - —
Pyroxylin scrap amber, cs., works..lb. .12 - —
black, cs., works.....lb .10 - —
Pyroxylin, china white, ivory, cs., works..lb. .13 - —
dense, write, cs., works....lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaques, cs., works..lb .04 - —
translucent pastels cs., works, lb. .10 - —
transparent, cs., works....lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works, lb. .16 - —
colors, mixed, cs., works...lb .10 - —
white, cs., works.....lb. .18 - —

Q

Quassia chips, dom., bls.....lb. .06 - .07
Quebracho extract, liquid, 35% tan, bbls., works..lb. .05¾- —
tanks, works.....lb. .05¼- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04¾- —
clarified, 64%, bgs., c.l., same basis..lb. .05 - —
pwd., bgs., c.l.....lb. .10½- —
l.c.l., bgs.....lb. .11 - —
Queen of the meadow leaves, bgs..lb. .12 - .13
Root, bgs.....lb. .10 - .11
Quercitron, crystals, bgs.....lb. .26 - —
extract, bgs., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb .18½- —
Quicksilver,[1,3,5] dom., flasks (76 lbs. net), f.o.b., shipment point in Cal., Ore., Wash., Idaho, Utah, Nev., and Ariz..flask.191.00 - —
f.o.b., shipm't point in Tex., and Ark..flask.193.00 - —
Quince seed, bgs.....lb. 1.70 - 2.15
Quinidine, N.F.V., cryst., cns.oz. 1.06 - —
powd., precip., cns.....oz. 1.01 - —
Sulphate, cns.....oz. .71 - —
Subject to surcharge of 13½c. per oz; see note under Quinine.
Quinine, 100 ozs., cns.....oz. .84 - —
Acetate, cns.....oz. 1.05 - —
Arsenate, cns.....oz. 1.05 - —
Arsenite, cns.....oz. 1.07 - —
Bisulphate, cns.....oz. .60 - —
Citrate, cns.....oz. .78 - —
Dihydrobromine, bots.....oz. .86 - —
Dihydrochloride, bots.....oz. .86 - —
Ethylcarbonate, cns.....oz. 1.25 - —
Ferrocyanide, cns.....oz. 1.07 - —
Formate, cns.....oz. 1.00 - —
Hydrochlorosulphate, cns.....oz. .81 - —
Glycerophosphate, cns.....oz. 1.20 - —
Hydrochloride, cns.....oz. .76 - —
Hydriodide cns.....oz. 1.05 - —
Hypophosphite, cns.....oz. 1.07 - —
Phosphate, cns.....oz. .90 - —
Salicylate, cns.....oz. .79 - —
Sulphate, USP, XI, cns.....oz. .67 - —
Sulphocarbolate, cns.....oz. 1.05 - —
Tannate, cns.....oz. .63 - —
Valerate, cns.....oz. .99 - —
Tartrate, cns.....oz 1.03 - —
Quinine buyers must pay a surcharge of 13½c. per oz. to cover present war risk insurance ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns.oz. .81 - —
Subject to surcharge of 13½c. per oz; see note under Quinine.

R

R salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Argentine, bgs.....lb. .07½- .08
Dutch, bgs.....lb. No stocks
Indian, medium, recleaned, bgs., lb. .07¾- .08¼
Japanese, bgs.....lb. No stocks
Raspberries, dried, bls.....lb. .85 - .90
Red,[3] alizarin lake, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .95 - —
400-2,000 lbs., bbls.....lb. 1.00 - —
100-300 lbs., pkgs.....lb. 1.05 - —
light shade, bbls., ton lots.lb. .80 - —
400-2,000 lbs., bbls.....lb. .85 - —
100-300 lbs., pkgs.....lb. .90 - —
light-medium shade, bbls., ton lots..lb. .85 - —
400-2,000 lbs., bbls.....lb. .90 - —
100-300 lbs., pkgs.....lb. .95 - —
maroon shade, bbls., ton lots lb. 1.05 - —
400-2,000 lbs., bbls.....lb. 1.10 - —
100-300 lbs., pkgs.....lb. 1.15 - —
Red, cadmium, lithopone, maroon-deep, bbls., ton lots.lb. 1.15 - —
400-2,000 lbs., bbls.....lb. 1.20 - —
100-300 lbs., pkgs.....lb. 1.22 - —
medium shade, bbls., ton lots. lb. .90 - —
400-2,000 lbs., bbls.....lb. .95 - —
100-300 lbs., pkgs.....lb. 1.00 - —
Cadmium, lithopone quotations are f.o.b. Balto. or whse. points, charges prepaid or allowed E. of Rockies.
Selenide, bbls., light, works..lb. 2.35 - —
maroon, works.....lb. 2.90 - —
Carmine, 40, dms., 100 lbs...lb. 4.60 - —
50 lbs.....lb. 4.75 - —
cns., 5 lbs.....lb. 5.25 - —
1 lb.....lb. 5.35 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.35 - —
Fire toner, bbls.....lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis...lb. .07¾- —
Iron oxide (see Red oxide).
Lacquer maroon, bbls., same basis..lb. 1.25- —
Lake C toner, bbls., same basis, alizarin, lake, contracts..lb. .90 - —
Litho toner, bbls., same basis, alizarin, lake, contracts..lb. .60 - —
Rose, lake, bbls.....lb. .25 - .28
Pink, bbls.....lb. .20 - .25
Lithol-rubine toner, bbls., same basis, alizarin lake, contracts..lb. 1.10 - —
Maroon lake, 25%, kgs., same basis, alizarin lake, contracts..lb. .40 - —
Mercury oxide, tech., bbls., 10,000 lbs..lb. 3.09 - —
smaller lots.....lb. 3.11 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .09 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio...lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08¼- —
Para, toner, concent., kgs., same basis, alizarin lake, contracts..lb. .70 - —
Persian Gulf, oxide, bbls., l.c.l. lb. No prices
Phloxin toner (see Red, Eosin-toner).
Phosphotungstic rhodamine, Y, lgs..lb. 4.15 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03¼- —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .35 - —
Spanish, oxide, Grade I, c.l., bbls., f.o.b. N.Y..lb. .04⅝- —
l.c.l. .....lb. .04⅞- —
Grade 2, c.l., bbls., f.o.b. N.Y..lb. .04¼- —
l.c.l. .....lb. .04¾- —
Toluidin toner, kgs., same basis alizarin lake..lb. 1.05 - —
Tuscan, bbls., f.o.b. N.Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works .....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., f.o.b. N.Y..lb. .25 - .40
quicksilver, bbls.....lb. 3.05 - 3.15
Red dyes are listed under Dyes.
Red, precipitate, N.F., powd., fib. dms., 50 lbs. or more..lb. 3.26 - —
Red saunders wood, ground, bbls. lb. .35 - —
Resorcinol, tech., 200-lb. dms., frt. alld. E. of Miss..lb. .68 - —
smaller quantities, works..lb. .74 - —
USP, cryst., 100 lbs., dms., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .09 - .10
Rhubarb, No. 1, high, dried, cs..lb. 1.15 - 1.20
powd., bbls.....lb. 1.18 - 1.23
No. 2, cs.....lb. .85 - .90
powd., bbls.....lb. .88 - .93
Riboflavin .....gram. 1.25 - 1.35
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - —
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - —
Rose flowers, pale, bls.....lb. .55 - .60
red, bls.....lb. 5.45 - 5.50
Rosemary flowers, bls.....lb. 1.65 - 1.70
leaves, bls.....lb. .22 - .23
Rosin, gum, B, bbls., ex dock....
D, bbls.....100 lbs. 3.65 - —
B, bbls.....100 lbs. 3.76 - —
E, bbls.....100 lbs. 3.82 - —
F, bbls.....100 lbs. 3.82 - —
G, bbls.....100 lbs. 3.82 - —
H, bbls.....100 lbs. 3.82 - —
I, bbls.....100 lbs. 3.85 - —
K, bbls.....100 lbs. 3.92 - —
M, bbls.....100 lbs. 3.98 - —
N, bbls.....100 lbs. 4.06 - —
W. G., bbls.....100 lbs. 4.80 - —
W. W., bbls.....100 lbs. 4.95 - —
X, bbls.....100 lbs. 4.95 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines.....ton.37.50 - —
Import, lump, bbls.....lb. No prices
powd., bbls.....lb. No prices
Rue, bls.....lb. 1.45 - 1.50

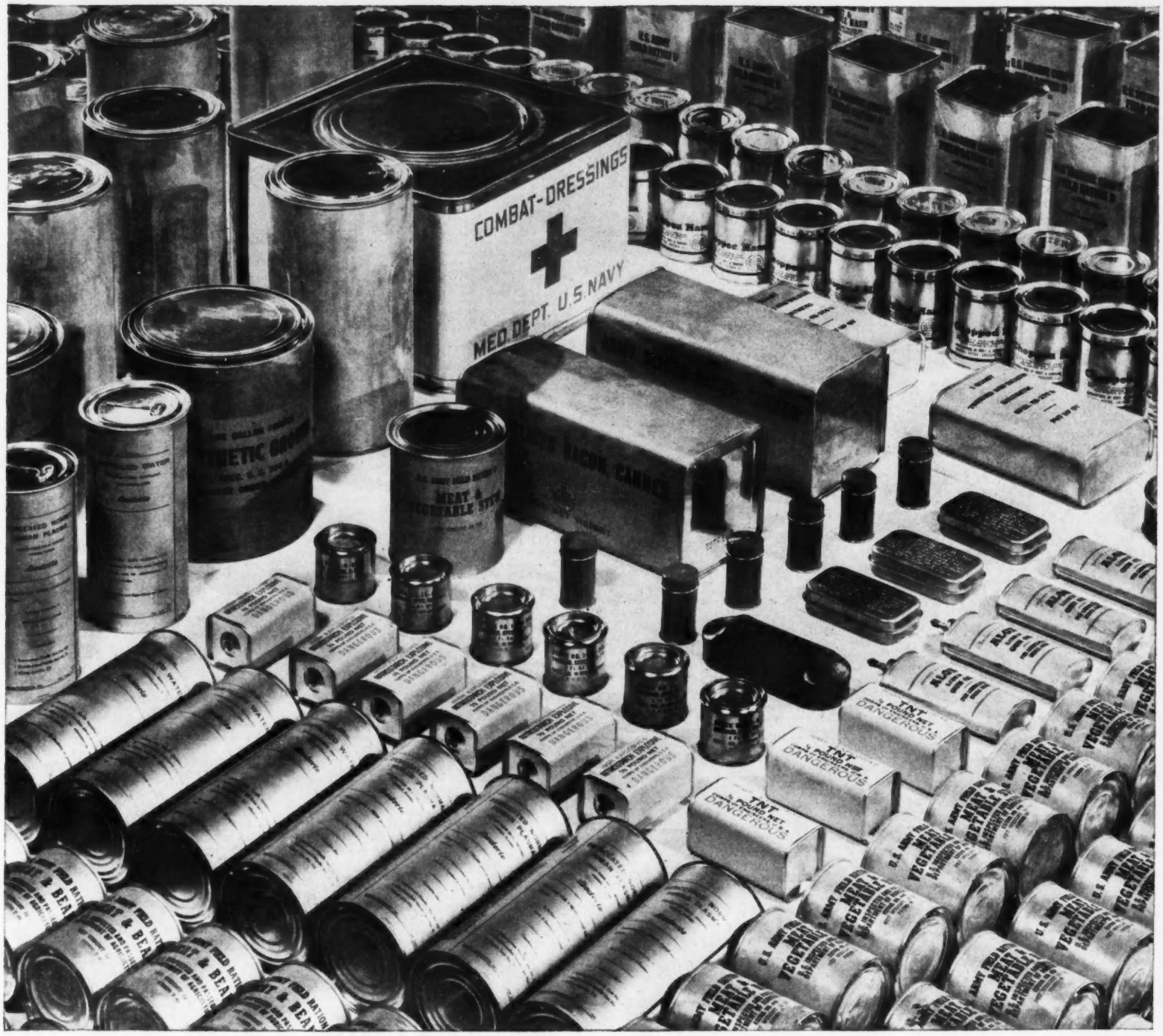
S

Sabadilla seed, powd., bbls....lb. .33 - .34
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - —
Scullcap, Eastern, bls.....lb. .28 - .30
Western, bls.....lb. .14 - .18
Safflower, bls.....lb. No prices
Saffron, Mexican, bls.....lb. .80 - .85
Spanish, tins.....lb.43.00 -45.00
Safrol, cns.....lb. 2.25 - 2.45
dms. .....lb. No prices
Sage, Cyprus, bls.....lb. .77 - .80
Dalmatian, bls.....lb. 2.00 - 2.05
ground, bls.....lb. 2.25 - 2.30
Greek, bls.....lb. 1.60 - 1.70
Spanish, bls.....lb. .39 - .40
Sago flour, bgs.....lb. .04¾- .05½
Salicin, bots., 5 lbs.....lb. 8.03 - —
cns., 25 lbs.....lb. 7.75 - —
Salol, gran., bbls., 200-lbs....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd. N.Y..ton.14.20
l.c.l., bgs., dlvd. N.Y...ton.17.00 -18.00
vacuum, common, fine, bgs., c.l., dlvd. N. Y..ton.15.70 - —
l.c.l., dlvd. N. Y.....ton.19.40 -23.20
Chrome (see Chrome cake).
Saltcake, dom., bulk works..ton.15.00 - —
import, bulk, c.i.f.....ton.16.00 Nom
Saltpeter, dbl. refd., gran., bbls., 10-20 tons.....100 lbs. 8.20 - —
1-9 tons.....100 lbs. 8.35 - —
less than ton lots..100 lbs. 8.60 - —
powd., bbls., 10-20 tons..... 100 lbs. 9.20 - —
1-9 tons.....100 lbs. 9.35 - —
less than ton lots..100 lbs. 9.60 - —
Santonin, crvst., cns..... kilo.210.00 -220.00
Saponin, crude, cns.....lb. 2.25 - 2.50
purified, cns.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls. lb. .55 - .60
Mexican, bls.....lb. .22 - .23
Sassafras, bark, ord., bls.....lb. .20 - .21
select, bls.....lb. .30 - .31
Savory, bls.....lb. 1.00 - 1.10
Saw palmetto berries, bgs.....lb. .07 - .08
Scammony root, bgs.....lb. .07 - .08
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34¾- —
Selenium, pwd. A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, spot, bls.....lb. .95 - 1.00
Senna leaves, Alexandria, half leaf, bls..lb. .23 - .25
siftings, bgs.....lb. .22 - .25
Tinnevelly, No. 1, bls.....lb. .16 - .17
2, bls.....lb. .12 - .15
3, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .14 - .15
Pods, bls.....lb. .13 - .16
Serpentaria root, bls.....lb. .75 - .80
Shellac,[2] bleached, bonedry, bbls., f.o.b. N. Y..lb. .39 - .40
dlvd., Boston.....lb. .40 - .41
Chicago .....lb. .40½- .41½
Pacific Coast.....lb. .42½- .43½
rfd., bbls., f.o.b. N. Y....lb. .45 - .46
dlvd., Boston.....lb. .45½- .46½
Chicago, ...lb. .46¾- .47¾
Pacific Coast.....lb. .48¾- .49¾
Garnet, bags.....lb. .37 - .39
D.C., V.S.O., or Diamond 1, cs., lb. .43 - .45
superfine, bgs., f.o.b. Boston, N. Y..lb. .33 - .34
dlvd., Chicago.....lb. .33½- .34½
Pacific Coast.....lb. .36 - .37
T.N., bgs., f.o.b., Boston, N.Y., lb. .32 - .33
dlvd., Chicago.....lb. .32½- .33½
Pacific Coast.....lb. .35½- .36½
varnish, Metro. area, orange, 5-lb. cut, bbls.....lb. 1.87 - —
4½-lb. cut, bbls.....gal. 1.82½- —
4-lb. cut, bbls.....gal. 1.78 - —
white, 5-lb. cut, bbls.....gal. 1.97 - —
4½-lb. cut, bbls.....gal. 1.92½- —
4-lb. cut, bbls.....gal. 1.88 - —

Prices, dlvd., Boston or Chicago, 10c. per gal.

Unexpired 1941 shellac varnish contracts subject to surcharge of 17c. per pound on 5 lb., 17½c. on 4½ lb., and 18c. on 4 lb. cut to cover higher price of alcohol.

Silica, amorph., wet-grd., 400 mesh, bgs., c.l., works. ton.30.00 - —
l.c.l., 2½ tons, works, ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works, ton.21.00 - —
smaller lots, works.ton.25.00 - —
400 mesh, bgs., c.l., works, ton.30.000 - —
l.c.l., 2½ tons, works, ton.35.00 - —
smaller lots, works.ton.38.00 - —
96-98% 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
med., grd., 99%, 325 mesh. l.c.l., 2½ tons, works..ton.25.50 - —
hard-quartz, 99½%, 325 mesh. bgs., c.l., works..ton.13.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —



SOME "NON-SECRET" WEAPONS THE AXIS WOULD LIKE TO HAVE

Study The Labels on the cans and packages in the picture above.

On some of them, you'll notice "Army Sliced Bacon, Canned . . . U. S. Marine Corps Field Ration D . . . U. S. Army Meat and Vegetable Hash . . .TNT Dangerous, Corps of Engineers . . . Combat-Dressings, Med. Dept. U. S. Navy."

There's a container for dried human blood in the picture, too. Its use is for blood transfusions in the field. Another to house a delicate motor on anti-aircraft guns.

And while you'll be interested to know that these articles are some of the many defense items the containers for which are made by the can-making and packaging industries, their significance goes far beyond this simple fact.

For they are weapons. "Non-secret" weapons, if you will. And every country has them. *But the Axis would like to have ours.* Do you realize why?

The industrial resources that produced these "non-secret" weapons are the largest in the world. The Axis needs these resources.

It needs the men . . . the machinery . . . the skill . . . the research that make the quality and the quantity of these weapons possible. It needs the energy of the free, unregimented economy which produced these weapons.

We Americans can congratulate ourselves that the Axis hasn't these resources . . . that we—not the Axis—have built the greatest packaging and can-making industries in the world . . . that we are now using the sinews of these industries to resist aggression. *American Can Company, 230 Park Avenue, New York, N. Y.*

Silver—Soda Nitrate

Silver, bullion.....oz. .35⅛- —
Govt. purchase, dom., metal, oz. .7111- —
Govt. purchase, foreign metal, oz. .35 - —
Cyanide, cns., 100 ozs.....oz. .34 - —
Nitrate, 100-oz. bots.....oz. .26⅞- —
Nucleinate, bots., dms.....oz. .29 - .34
Proteinate, bots., dms..... oz. .22 - .33
Simarubra barks, bls.....lb. .67 - .68
Skunk cabbage root, bls.....lb. .15 - .16
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .75 - .80
Smalt, black, extra velvet, ctns., lb. .05 - .08
Blue, ctns.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - —
Soapbark, bls.....lb. .09 - .10
crushed, bls., bbls.....lb. .13 - .13½
cut, German, bls., bbls.....lb. No stocks
dom., bbls.....lb. .14 - .15
powd., bbls.....lb. .15 - .16
Soda, acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .05 - —
l.c.l., dlvd.....lb. .05½- .06
USP, bbls., dlvd.....lb. .06 - .07
Alginate, dms., bbls., works, lb. .69 - .75
Aluminate, white soluble, c.l., bgs., frt. equald..100 lbs. 7.50 - —
dms., frt. equald.....100 lbs. 7.75 - —
l.c.l., bgs., frt. equald.100 lbs. 8.40 - —
dms., frt. equald.....100 lbs. 8.65 - —
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate, dms., dealers., cl., works..lb. .08 - —
l.c.l., dms.....lb. .09¼- .09¾
Arsenite, dry, gray, dms., c.l., dealers, works..lb. .06¾- —
l.c.l., dms., works.....lb. .07¼- .08½
white, dms., c.l., dealers, works..lb. .07¾- —
l.c.l., dms., works.....lb. .08¼- .09½

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., Zone 1.....100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.85 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.05 - 1.13
l.c.l., Zone 1.....100 lbs. 2 13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works.....100 lbs. 1.45 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l..... ....100 lbs .90 - —

Soda ash, light, 58%, bgs., c.l., works..100 lbs. 1.05 - 1.13
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recogn'zed warehouse point and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U.S. E. of Miss. River and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Mo., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 98° Meridian; Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 98° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyoming.

Soda, benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., 4,000 lbs. or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech., bbls., c.l., works...100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works.... 100 lbs. 1.85 - —
l.c.l., dlvd., N.Y..100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd., N.Y..100 lbs. 2.76 - —
Bichromate, [3], [5] spot, c.l., wks., lb. .07¾- —
l.c.l., 6 cks., or 10 bbls. or over, works..lb. .07½- —
5 cks. or 9 bbls. or less, works..lb. .07¾- —
Bifluoride, bbls., c.l.....lb. .11 - —
10 bbls. lots.....lb. .11½- .13
1-9 bbls.....lb. .12 - —
kegs .....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
35 deg., c.l., works..100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —

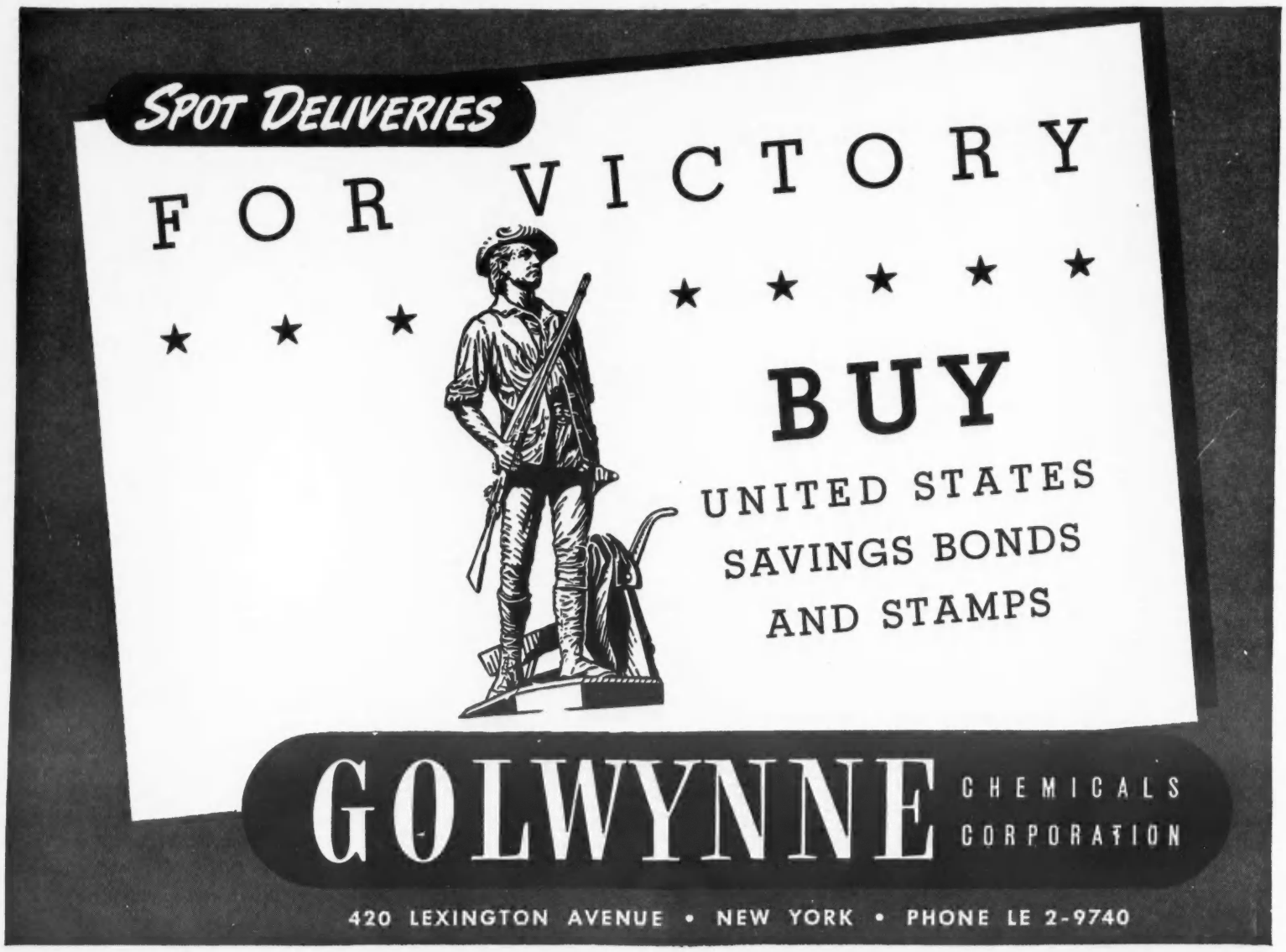
Soda bisulphite, solut., 44 deg., bbls., works..100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - .31
fiber dms., 100 lbs.....lb. .28 - .32
Cacodylate, 1-kilo bots.....lb. No prices
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon, process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1.....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
L.c.l., same zone prices as ammonia process
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
sellers' tanks, works ... 100 lbs. 2.00 - —
solid, 76% ammon., process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1.....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —

Soda, caustic, solid, electro process, dms., l.c.l., same zone prices as ammon. process. Caustic soda, l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06¼- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chromate, [3] [5], spot, c.l., works, lb. .08¾- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .09¼- —
Citrate, USP VIII, 225-lb. bbls. lb. 18¼- —
dms., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
dms., kgs., 100-lb. lots...lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb.lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29¼- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
imports, 90%, cs.....lb. No prices
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10½
anhy., dms., dlvd.....lb. .12¾- —
Fluoride, white, 30%, bbls., c.l., frt. alld..lb. .08 - —
l.c.l., 10 or over, same basis..lb. .08½- —
1-9, same basis.....lb. .09 - —
95%, bbls., c.l., same basis, lb. .08¼- —
l.c.l., 10 or over, same basis..lb. .08¾- —
1-9, same basis.....lb. .09¼- —

Soda fluoride prices at Los Angeles are f.o.b. works

Soda glycerophosphate, NF, cryst., bbls., 1,000-lb. lots..lb. 1.25 - 1.27
100-lb. lots.....lb. 1.40 - 1.42
cns., 25 lbs.....lb. 1.65 - 1.67
powd., bbls., 1,000-lb. lots..lb. 1.25 - 1.27
100-lb. lots.....lb. 1.40 - 1.42
cns., 25 lbs.....lb. 1.72 - —
solution, cbys., cns.....lb. .82 - .83
Hydrosulphite, [4] dms., frt. alld, lb. .17 - .18
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .22 - .24
Hypophosphite, N. F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., works, frt. equal'd..100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd..100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
pea, bgs., c.l., works.100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
pea, 2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
600 to 2,500 dms., works, 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
pea, less than 500 lbs., bgs., works..100 lbs. 2.70 - 3.95
bbls., works.....100 lbs. 4.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.49 - —
Iodide, jars.....lb. 2.42 - —
bots. .....lb. 2.52 - 2.57
Mandelate, 100-lb. dms.....lb. 3.25 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald.... 100 lbs. 4.00 - —
15 dms. and over, dlvd. N.Y. 100 lbs. 4.90 - —
3-14 dms., same basis... 100 lbs. 5.05 - —
1-2 dms., same basis... 100 lbs. 5.30 - —
gran., bbls., c.l., works....lb. 2.50 - —
10 bbls. and over, dlvd. N.Y...lb. 3.30 - —
1-9 bbls., dlvd. N.Y.....lb. 3.55 - —
Molybdate, anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, dom., c.l., 100-lb. bgs., dlvd., f.o.b. cars, producing points or ports, rail or boat shipment .....ton.30.05 - —
200 lb. bgs., same basis, ton.29.35 - —
bulk, f.o.b. Hopewell, Va..ton.27.00 - —
f.o.b. other Atl. and Gulf ports..ton.28.00 - —
Imp., c.l., 100-lb. bgs., f.o.b. cars, Atl., Gulf, Pac. warehouses, rail or boat shipment..ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis....ton.30.00 - —
refd., gran., bbls., 10 tons, 100 lbs. 3.60 - —
1-9 tons.....100 lbs. 3.75 - —
smaller lots.....100 lbs. 4.00 - —



Soda, nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
96-98%, dom., bbls., c.l., West Coast, f.o.b. ports....lb. .08 - —
l.c.l. .....lb. .08¼- .11½
Soda nitrite l.c.l. prices range represents delivery at various points.
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
15 dms. and over, same basis..lb. 5.45 - —
3-14 dms., same basis..lb. 5.60 - —
1- 2 dms., same basis..lb. 5.85 - —
flake, dms., c.l., works.100 lbs. 3.15 - —
10 bbls. and over, dlvd. N.Y.C..100 lbs. 4.30 - —
1-9 bbls., same basis..100 lbs. 4.55 - —
Oxalate, neut., bbls.....lb. .09½- —
Perborate, NF, bbls., c.l., works, lb. .14¾- —
l.c.l., works..... ..lb. .15¼- —
Pentachlorophenate briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .19½- —
490 lbs., bgs., works.....lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 6.00 - 6.25
l.c.l., works.....100 lbs. 6.50 - 7.25
bbls., c.l., works...100 lbs. 6.20 - 6.45
l.c.l., works.....100 lbs. 6.70 - 7.45
cryst., tech., bgs., c.l., works, 100 lbs. 2.55 - 2.70
l.c.l., works.....100 lbs. 2.95 - 3.45
bbls., c.l., works...100 lbs. 2.75 - 2.90
l.c.l., works.....100 lbs. 3.15 - 3.65
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
bbls., c.l., works.....100 lbs. 7.45 - 8.45
l.c.l., works.....100 lbs. 8.20 - 9.20
tribasic, bgs., c.l., works...lb. 2.70 - 2.85
l.c.l., works.....100 lbs. 3.10 - 3.60
bbls., c.l., works...100 lbs. 2.90 - 3.05
l.c.l., works.....100 lbs. 3.30 - 3.80
kegs, c.l., works...100 lbs. 3.40 - 3.55
l.c.l., works.....100 lbs. 3.80 - 4.30
USP (dibasic), bbls., dms., works..lb. .06 - .10
dried, bbls., dms., works..lb. .11½- .12
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .11 - —
contracts .....lb. .10 - —
smaller lots .....lb. .11¼- —
contracts .....lb. .10¼- —
Pyrophosphate,[2] anhyd., bgs., c.l., works, frt. equalized.. 100 lbs. 5.25 - 6.10
5 tons and over same basis.. 100 lbs. 5.40 - 6.25
less than 5 tons same basis, 100 lbs. 5.75 - 6.60
bbls., c.l., works, frt. equalized..100 lbs. 5.45 - 6.30
5 tons and over same basis, 100 lbs. 5.60 - 6.45
less than 5 tons same basis, 100 lbs. 5.95 - 6.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal. bgs., dlvd., N. Y..100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd., N. Y.....100 lbs. 1.30 - —
works .....lb. 1.10 - 1.30
Salicylate bxs.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
bbls., l.c.l., Zone 1....100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.60 - —
Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
10 bbls. or over, dlvd. N.Y.C., 100 lbs. 4.05 - —
1-9 bbls .. .. 100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
52°, dms., c.l., works.100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .12 - .15
Stannate, dms.....lb. .33½- .36½
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or over, works, 100 lbs. 1.95 - 2.15
less than 5 tons, works, 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
NV VI, exsiccated, powd., bbls..lb. .07 - .07½
U.S.P. cryst., gran., bbls..lb. .10 - .10½
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.90 - —
less than 5 tons, dlvd. 100 lbs. 3.15 - —
solid, bbls., c.l., works..... 100 lbs. 3.15 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.65 - —
less than 5 tons, dlvd. 100 lbs. 3.90 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, gran., bbls., dms..lb. .26 - .28
Sulphocyanide, C.P., dms....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works..lb. .05½- —
l.c.l., works.....lb. .06 - —
single dm. lots, works...lb. .08 - —
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinolate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. 1.35 - 1.50
Solvent, naphtha,[3] dms., wks.gal. .31 - —
tanks, E. of Omaha, frt. alld.. gal. .27 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
Sorbitol, com'l, dms., works...lb. .17¾-
Soybean meal, 41%, bulk....ton. 49.20 - —
protein, bgs., c.l., works.....lb. .20 - —
l.c.l., 10-20 tons, works....lb. .20½- —
100-20,000 lbs., works.....lb. .20½- —
smaller lots, works.....lb. .24 - —
Sparteine sulphate, cns.....oz. 3.85 - 4.00
Spearmint leaves, bls.....lb. .30 - .31
Spikenard root, bls.....lb. .18 - .19

Spruce extract, reg., bbls., c.l., works..lb. .02¼- —
tanks, works.....lb. .01½- —
powd., super, bgs., c.l., works, lb. .04½- —
Squawvine, leaves, bls.....lb. 14 - .15
Squill, red, powd.....lb. .78 - .79
White, bls.....lb. .18½- .19
powd., bbls., bxs.....lb. .23 - .24
St. Ignatius beans, bgs.....lb. .44 - .45
St. John's Bread, edible, bls. lb. .19 - .20
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 3.10 - —
dlvd., N. Y.....100 lbs. 3.45 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 3.20 - —
dlvd., N. Y.....100 lbs. 3.55 - —
Potato, dom., bgs., c.l.....lb. .0610- —
l.c.l. .....lb. .0735- —
import, bgs.....lb. No prices
rice, bgs.....lb. .09 - .10
Sweetpotato, bgs.....lb. .06¼ Nom.
bbls. .....lb. .07 Nom.
Wheat, thick, boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.87 - —
Staveacre, seed, bgs.....lb. .35 - .40
Stearin, oleo.....lb. .10½- .11
Stillingia root, bls.....lb. .11 - .12
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 2.00 Nom.
Stramonium leaves, bls.....lb. .33 - .34
seed, bgs.....lb. .20 - .21
Strontium bromide, cns.....lb. .53 - .55
Carbonate, NF, IV, 250-lb. bbls..lb No prices
tech., 90%, precip., bbls....lb. .23 Nom.
Chloride, tech., bbls.....lb. .24 - .25

Strontium, iodide, bots, 5 lbs..lb. 3.06 - —
jars, 25 lbs.....lb. 3.00 - —
Nitrate, dom., bbls., c.l., wks., lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Oxalate, bbls.....lb. .44 - —
Strophanthus seed, Kombe, bgs.lb. 4.00 - 4.25
Strolyl, acetate, bots.....lb. 3.10 - 3.25
Strychnine, cryst., cns., 100-oz. lots..oz. .70 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .82 - —
Arsenite, 25-oz cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .58 - —
powd., cns., 100-oz. lots.oz. .48 - —
Sucrose Octa-acetate, C.P. grade., bbls., l.c.l., works..lb. .55 - —
denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works.....lb. .40 - —
Sugar coloring, bbls.....gal. .75 - 1.45
Milk, bbls., c.l.....lb. .25 - —
l.c.l., 10 or over.....lb. .26 - —
less than 10.....lb. .27 - —

Soda Nitrite—Sulphur

Sulfadiazine, tablets, bots., 50's. ea. 4.86 - —
100's .....ea. 8.46 - —
1,000's .....ea.72.00 - —
Sulfaguanidine, 3.5-gm. bot..doz. 2.50 - —
4-oz bots.....ea. 8.10 - —
1-lb. bots.....ea.30.00 - —
Sulfanilamide, 5 lbs., bots....lb. 1.70 - —
fib. dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
25-lb. lots.....lb. 1.45 - —
Sulfapyridine, powd., for hospitals, 5-gram bots..ea. .50 - —
Sulfathiazole, 5-gm., bot.....ea. .42 - —
Sesquicarbonate, 5-gm. bot..ea. .42 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.50
Sulphonmethane, kgs.....lb. 5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
flowers, USP, bgs., c.l..100 lbs. 3.05 - —
l.c.l. .....100 lbs. 3.55 - —
bbls., c.l.....100 lbs. 3.40 - —
l.c.l. .....100 lbs. 3.90 - —
flour, comm'l bgs., c.l..100 lbs. 1.65 - —
l.c.l. .....100 lbs. 2.15 - —
refined, cast, bgs., c.l....100 lbs. 2.20 - —
l.c.l. .....100 lbs. 2.70 - —
heavy, USP, bgs., c.l..100 lbs. 2.60 - —
l.c.l .....100 lbs. 3.10 - —
bbls., c.l.....100 lbs. 2.95 - —
l.c.l. .....100 lbs. 3.45 - —

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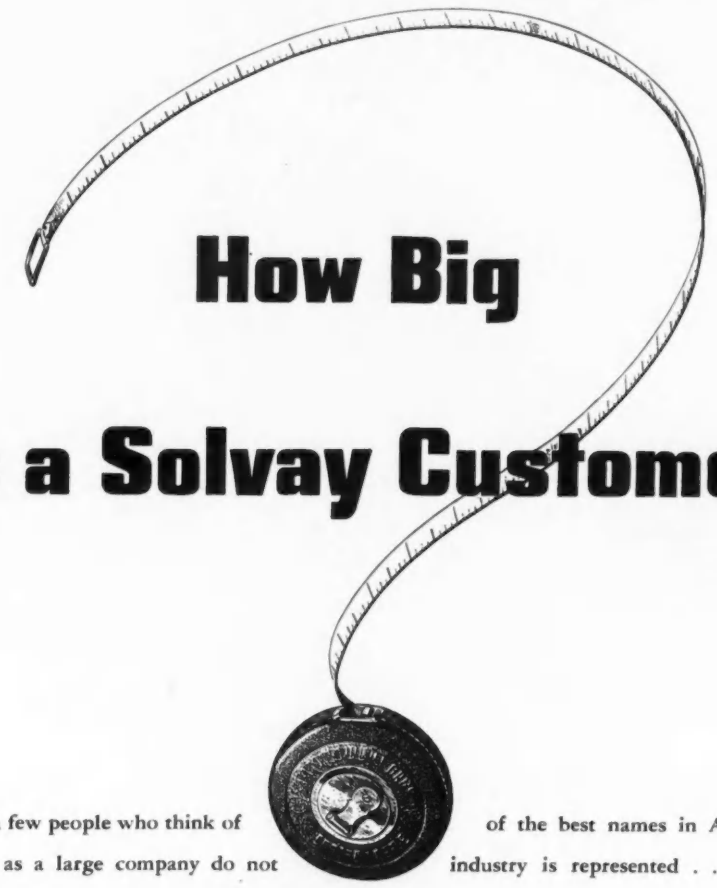

How Big Is a Solvay Customer

Quite a few people who think of Solvay as a large company do not realize how many Solvay customers are people operating small and medium size businesses . . . or how many of these Solvay customers run plants of one kind or another in practically *every* industry you can name.

"Size of the order" is no measure of a Solvay customer. In fact, a list of Solvay customers would show that a cross section of the best names in American industry is represented . . . *large and small alkali buyers alike!*

With Solvay, the delivery of its quality alkalies is usually an introduction to long standing customer relationships . . . founded on helping customers get the most out of Solvay products . . . also helping them make *better* products, improve their processes or lower manufacturing costs.

FOR DEFENSE BUY UNITED STATES SAVINGS BONDS AND STAMPS

TRADE MARK REG. U.S. PAT. OFF.

SOLVAY SALES CORPORATION

Alkalies and Chemical Products Manufactured by The Solvay Process Company

40 RECTOR STREET NEW YORK, N. Y.

BRANCH SALES OFFICES:

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New Orleans • New York • Philadelphia • Pittsburgh • St. Louis • Syracuse
Plants Located At: Syracuse, N. Y. • Detroit, Mich. • Baton Rouge, La. • Hopewell, Va.

Soda Ash · Caustic Soda · Caustic Potash · Modified Sodas · Para-dichlorobenzene · Potassium Carbonate · Chlorine
Ammonium Bicarbonate · Ammonium Chloride · Calcium Chloride · Causticized Ash · Salt · Sodium Nitrite

Sulphur—Vinyl Ether

Sulphur, light, ref'd, USP, bgs., c.l.	100 lbs.	2.70	- —
l.c.l.	100 lbs.	3.20	- —
bbls., c.l.	100 lbs.	3.05	- —
l.c.l.	100 lbs.	3.55	- —
lump, bgs., c.l.	100 lbs.	2.20	- —
l.c.l.	100 lbs.	2.70	- —
bbls., c.l.	100 lbs.	2.55	- —
l.c.l.	100 lbs.	3.05	- —
roll, bgs., c.l.	100 lbs.	2.40	- —
l.c.l.	100 lbs.	2.90	- —

Prices at the mine for various grades refined sulphur 25c. less per 100 pounds.

Rubbermakers [illegible] bgs., c.l. frt. alld.	100 lbs.	2.05	- —
refined, 100%, bgs., c.l., frt. alld.	100 lbs.	2.10	- —
Chloride, 55-gal. dms., c.l.	lb.	.03	- .03¼
l.c.l., dms., works	lb.	.04	- .04¼
10-gal. dms., c.l.	lb.	.07	- .07¼
l.c.l.	lb.	.08	- .08¼
Dioxide, liquid, com'l., cyls., works	lb.	.07	- .09
multi-unit, cars, works	lb.	.04½	- .07
tanks, works	lb.	.04	- .06
refrigeration, cyls., works	lb.	.16	- .40
multi-unit cars, works	lb.	.07½	- .10
Iodide, bots., jars	lb.	3.90	- 4.05
Precipitated, USP, bbls.	lb	.17	- .22
sumac, grd., Sicilian, f.a.s.	ton.	No prices	
leaf, f.a.s.	ton.	No prices	
extract, bbls., No. 1	lb.	.08	- —
No. 2	lb.	.07	- —
stainless, bbls.	lb.	.09	- .11
Berries, bgs.	lb.	.12	- .13
Sunflower seed, Calif., large, bgs.,	lb.	.06¾	- .07¼
medium, bgs.	lb.	.06½	- .07
poultry	lb.	.05½	- .06
Superphosphate, run-of-pile, basis 16%, bulk, f.o.b. cars, boat, Baltimore	net ton.	9.60	- —
guaranteed 16%, [illegible] basis	ton.	10.10	- —
20%, bulk, same basis	ton.	12.75	- —
triple, bulk, f.o.b. cars, Baltimore, spot	unit-ton.	.80	- —

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Talc, dom., Calif., 1, c.l.	ton.	20.00	- —
2, c.l.	ton.	17.00	- —
N.Y., fibrous, 98-94% [illegible] mesh, c.l.	ton.	16.00	-18.00
l.c.l.	ton.	20.00	- —
99-99½%, 325 mesh, c.l.	ton.	15.25	-19.25
l.c.l.	ton.	17.25	-22.00
99.95%, 325 mesh, c.l.	ton.	17.00	-21.00
coarse, off-color, c.l.	ton.	11.00	-13.00
Aluminum, flake-type, grd., c.l.	ton.	14.50	-24.50
l.c.l.	ton.	16.50	-30.00
Talc, dom., Pennsylvania, c.l.	ton.	11.00	-13.50
l.c.l.	ton.	12.00	-14.50
Vermont, c.l.	ton.	14.00	- —
l.c.l.	ton.	15.00	- —
Imp., Canadian, c.l., dlvd., N. Y.	ton.	24.00	-30.00
French	ton.	No prices	
Italian	ton.	No prices	
Talc, domestic, is quoted at the mills in bag packing			
Tallow,[5] extra, loose	lb.	.07½	- —
special, loose	lb.	.09	57- —
sulphonated, 85% (24% fat dms., c.l.	lb.	.05¾	- —
l.c.l.	lb.	.06¾	- —
50% (43% fat), dms., c.l.	lb.	.06¾	- —
l.c.l.	lb.	.07¾	- —
50% (48% fat), dms., c.l.	lb.	.07¾	- —
l.c.l.	lb.	.08¾	- —
Tamarind, No. 1, bbls.	lb.	.06	- .07
kegs	lb.	6.00	- 8.00
Tankage, fertilizer, animal, dom., grd., 9% ammon., 10% b.p.l., bulk, basis N. Y.	unit-ton.	4.25 &	.10
10-11% ammon., 15% b.p.l., bulk, basis Chi.	unit-ton.	4.25 &	.10
feeding, unground, 9-11% ammon., 15-20% b.p.l., bulk, basis N. Y.	unit-ton.	5.25 &	.10
high-grade, bulk, Chicago,	unit-ton.	5.60	- —
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports	unit-ton.	5.00	- —
Tansy leaves, bls.	lb.	.23	- .24
Tapioca flour, bgs.	lb.	.04½	- .07¼
Tar acid oil,[7] 15%, dms., c.l., works	gal.	.27½	- —
l.c.l., same basis	gal.	.29½	- —
25%, dms., c.l., works	gal.	.31½	- —
l.c.l., same basis	gal.	.33½	- —
Tar, pine, retort, [illegible] dlvd. E. cities	gal.	.32½	- —
ports	gal.	.32	- —
tanks, dlvd. E. cities	gal.	.24	- —
Tarragon herb, bgs.	lb.	1.95	- 2.00
Tartar emetic, tech., fine gran. or powd., bbls., kgs., 5 or more	lb.	.47¾	- —
less than 5	lb.	.48	- —
dms.	lb.	.48½	- 51
USP, powd., bbls.	lb.	.52½	- .59
Terpinyl acetate, cns.	lb.	.87	- —
dms	lb.	.85	- —
Terpin hydrate, bbls.			
Terpineol, CP, cns.	lb.	.43	- —
dms.	lb.	.40	- —
alpha, denat. grade, dms., c.l., wks., net wgt.	lb.	.17	- —
Terra alba (see Gypsum).			
Tetrachloroethane, dms., wks.	lb.	.08	- 08½
Tetrachloroethylene, CP, dms., tech. (see Perchloroethylene).	lb.	.21½	- —
Tetralin, dms.	lb.	.19	- —
Tetrasodium pyrophosphate (see soda pyrosphosphate).			
Thallium sulphate, 99% pure, bots., works	lb.	5.00	- 7.00
Theobromine	lb.	2.40	- 2.65
Sodiosalicylate, dms.	lb.	No prices	
Thiamine hydrochloride, bots., cns., gram		.53	- .56
Thiocarbanilide, dms.	lb.	.24	- —
Thio Urea, C.P., dms.	lb.	.55	- .65
Thorium- nitrate, cs., works		2.00	- —
Thyme, French, bls.	lb	90	94
Morocco, bls.	lb.	.21	Nom.
Spanish, bls.	lb.	.25	- .27
Thymol, cns., 25 lbs.	lb.	3.60	Nom.
Iodide, kgs., 50 lbs.	lb.	3.40	- —
25 lbs	lb.	3.50	- —
Timbo root (see cube root).			
Tin chloride (ous), anhyd.	lb.	.48	- .48½
Crystals, bbls., bgs.	lb.	.39	- .39½
Metal,[1,7] Straits	lb.	.52	- —
Oxide, bbls.	lb.	.55	- —
Tetrachloride, anhyd., bbls.	lb.	No price	
Titanium, dioxide, bgs., c.l., (20 tons)	lb.	.14½	- —
l.c.l., 5 tons, single delivery,	lb.	.14¾	- —
1,000-9,999 lbs.	lb.	.15	- —
50-999 lbs.	lb.	.15¼	- —
bbls., c.l. (20 tons)	lb.	.14¾	- —
l.c.l., 5 tons, single delivery,	lb.	.15	- —
1,000-9,999 lbs.	lb.	.15¼	- —
50-999 lbs.	lb.	.15½	- —
non-chalking, bgs., c.l. (20 tons)	lb.	.16½	- —
l.c.l., 5 tons, single delivery,	lb.	.16¾	- —
1,000-9,999 lbs.	lb.	.17	- —
50-999 lbs.	lb.	.17¼	- —
bbls., c.l. (20 tons)	lb.	.16¾	- —
l.c.l., 5 tons, single delivery	lb.	.17	- —
1,000-9,999 lbs.	lb.	.17¼	- —
50-999 lbs.	lb.	.17½	- —
chalk-resistant, bgs., c.l. (20 tons)	lb.	.15	- —
l.c.l., 5 tons, single delivery,	lb.	.15¼	- —
1,000-9,999 lbs.	lb.	.15½	- —
50-999 lbs.	lb.	.15¾	- —
bbls., c.l. (20 tons)	lb.	.15	- —
l.c.l., 5 tons, single delivery,	lb.	.15½	- —
1,000-9,999 lbs.	lb.	.15¾	- —
50-999 lbs.	lb.	.16	- —
barium or magnesium base, bgs., c.l. (20 tons)	lb.	.05¾	- —
l.c.l.	lb.	.06	- —
bbls., c.l. (20 tons)	lb.	.06	- —
l.c.l.	lb.	.06¼	- —
calcium base, bgs., c.l. (20 tons),	lb.	.06½	- —
calcium-rutile base, bgs., c.l. (20 tons)	lb.	.06¼	- —
l.c.l.	lb.	.06¾	- —
Titanium, calcium-rutile base, bbls., c.l. (20 tons)	lb.	.05¾	- —
l.c.l.	lb.	.06	- —

Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses. Pacific Coast prices are ¼c. per lb. higher than the above.

Toluidin base, distilled, kgs.	lb.	.96	- —
Tolu, balsam, cns.	lb.	.95	- 1.00
Toluidin, mixed, dms.	lb.	.26	- —
Toluol[2, 3, 7], (toulene), 2° indus., dms., returnable	gal.	.33	- —
tanks, E. of Omaha, frt. alld.	gal.	.28	- —
W. Coast, f.o.b. Minnequa, Colo.	gal.	.28	- —
1° nitration,[8] dms., returnable	gal.	.34½	- —
tanks, E. of Omaha, frt. alld.	gal.	.29½	- —
W. Coast, f.o.b. Minnequa, Colo.	gal.	.29½	- —
Tonga, N.F., 50% bark and vine, bls.	lb.	.90	- .95
Tonka beans, Angostura, cks.	lb.	2.40	- 2.50
Brazilian, Surinam, cs.	lb.	.70	- .85
Triacetin, dms.	lb.	.26	- —
Trimyl borate, dms., l.c.l., works.	lb.	.33	- —
Triamylamine, l.c.l., works	lb.	.90	- —
Tributylamine, l.c.l., dms., works.	lb.	.70	- —
Tributyl citrate, ton lots, 475-lb. dms.	lb.	.24	- —
smaller lots	lb.	.32	- —
Phosphate, dms., l.c.l., dlvd.	lb.	.47	- —
cns., works	lb.	.51	- —
Trichlorobenzene, dms., c.l., frt. alld.	lb.	.06	- —
l.c.l., same basis	lb.	.06¼	- —
tanks	lb.	.07½	- —
Trichlorethylene,[3] dms., c.l., wks., frt. alld., Zone 1	lb.	.08	- —
l.c.l., same basis	lb.	.08½	- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½	- —
l.c.l., same basis	lb.	.09	- —
Zone 3, c.l., works, frt. alld.	lb.	.09	- —
l.c.l., same basis	lb.	.09½	- —
Zone 4, dms., c.l., f.o.b. stock points	lb.	.09	- —
l.c.l., same basis	lb.	.09½	- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Mo., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo, Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl, phosphate,[9] CP, cns., dlvd.	lb.	.40½	- .51½
dms., c.l., dlvd.	lb.	.37½	- —
Tech., dms., c.l.	lb.	.25	- —
500 lbs., dms.	lb.	.25½	- —
Triethanolamine, dms., c.l., works.	lb.	.19	- —
l.c.l., works	lb.	.20	- —
tanks, works	lb.	.18	- —
Triethylamine, dms., l.c.l., works.	lb.	1.05	- —
Triethyl citrate, ton lots, 500-lb. dms.	lb.	.24	- —
smaller lots	lb.	.32	- —
Triethyl phosphate, dms., dlvd.	lb.	.45	- —
Triethyleneglycol, dms., c.l., works.	lb.	.26	- —
Trimethyl phosphate, cns.	lb.	.54	- .56
dms., dlvd.	lb.	.50	- —
Trimethylamine, dms., c.l., dlvd.	lb.	.85	- —
l.c.l., dlvd.	lb.	.90	- —
Triphenyl phosphate[9], dms.	lb.	.58	- —
Tripoli, air-floated, bgs., c.l., works.	ton.	21.00	- —
double grd., bgs., c.l., works.	ton.	17.50	- —
once-grd., bgs., c.l., works.	ton.	16.00	- —
Trisodium phosphate (see Soda phosphate, tribasic).			
Tuba root (see Derris root).			
Tungsten metal powd.,[8,9] 90%, dms., works	lb.	2.60	- —
Oxide, CP, kgs.	lb.	No prices	
Chem. grade, kgs.	lb.	No prices	
Turmeric root, Alleppey, bgs.	lb.	.10½	Nom.
Madras, bgs.	lb.	.09½	Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock	gal.	.81½	- —
l.c.l., 10 ex dock	gal.	.83½	- —
5 ex dock	gal.	.85½	- —
wood, dest., dist., dms., dlvd., E. ports	gal.	.65	- .79
tanks, dlvd., E. cities	gal.	.58	- —
steam-dist., dms., c.l., dlvd.	gal.	.77	- —
l.c.l., dlvd.	gal.	.80	- —
tanks, dlvd.	gal.	.72	- —

U

Unicorn root, false (see Helonias root).			
True (see Aletris root).			
Uranium oxide, black, bgs.	lb.	2.55	- —
yellow, kgs.	lb.	1.65	- —
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Metropolitan New York, Phila., Wilmington, Del., Baltimore, Wilmington, N. C., Charleston, Savannah, Jacksonville	ton.	80.00	- —
l.c.l., f.o.b. Belle, W. Va.	ton.	82.50	- —
5-19 tons, f.o.b. Boston, New York, Philadelphia, Wilmington, Del., Baltimore	ton.	85.00	- —
less than 5 tons, f.o.b. New York, Phila.	ton.	90.00	- —
import, 40% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., ship.	ton.	No prices	
smaller lots, f.o.b. N. Y. whse.	ton.	No prices	
pure, cs.	lb.	.12	- —
Urea fertilizer compound, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports	ton.	57.40	- —
Urea-ammonia liquor, basis, 45% N., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports,	ton.	121.58	- —
37% N. (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports.	ton.	127.00	- —
Uva ursi leaves, bls.	lb.	.24	- .25

V

Valerian root, Belgian, bls.	lb.	1.70	- 1.75
Eastern, bls.	lb.	1.40	- 1.45
Valonia, beards, bgs., f.a.s.	ton.	No prices	
cups, bgs., f.a.s.	ton.	No prices	
Vanadium pentoxide, C.P., bgs., cns., works.	lb.	7.00	- —
tech., dms., works	lb.	1.10	- —
Vanilla beans, Bourbon, tins.	lb.	No prices	
Mexican, tins	lb.	15.00	-16.00
cuts, tins	lb.	14.00	-15.00
South American, tins.	lb.	No prices	
Tahiti, tins.	lb.	6.25	- 6.50
Vanillin, ex eugenol, 25-lb. tins,	lb.	2.60	- —
5-lb. tins	lb.	2.65	- —
1-lb. tins	lb.	2.75	- —
Vanillin, ex guaiacol, 25-lb. tins,	lb.	2.35	- —
5-lb. tins	lb.	2.40	- —
1-lb. tins	lb.	2.50	- —
ex lignin, any quantity, 25-lb. tins.	lb.	2.35	- —
5-lb. tins	lb.	2.40	- —
1-lb. tins	lb.	2.55	- —
Venice turpentine, true, cs.	lb.	No prices	
artificial, cs.	lb.	.24	- .25
Verdigris, bbls., kgs.	lb.	.22	- .28
Vinyl acetate, cns., works	lb.	.25	- —
dms., c.l., 30,000 lbs. gross, works.	lb.	.15	- —
l.c.l., works	lb.	.16	- —
5 gals. dms., works	lb.	.25	- —
Ether, 75 c.c.	bot.	1.80	- —
50 c.c.	bot.	.73½	- —
25 c.c.	bot.	.45½	- —

PROTECTION AGAINST VERMIN

Products in Bemis Waterproof Bags seldom are damaged by vermin. Since such pests cannot smell the contents through a Bemis Waterproof Bag, they are not tempted. Even the materials of a Bemis Waterproof Bag are objectionable to vermin!

These Bemis Shipping containers can be made to keep moisture in and dampness out—retain desirable aromas and repel objectionable odors—shut out dust and dirt—resist acids and grease. And because of their strength and toughness, Bemis Waterproof Bags provide extra protection against rough handling.

WATERPROOF DEPARTMENT

BEMIS BRO. BAG CO.

ST. LOUIS, MO. • BROOKLYN, N. Y.

Vitamin B, (see Thiamine hydrochloride).
B₂ (see Riboflavin).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut liver).
E (see Alpha Tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic; acid, nicotinic, amide).

Violet, methyl, toner (see M).

V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.	lb.	.40 - .42
tree	lb.	.28 - .29
Wattle bark, bgs., f.a.s.	ton.	41.00 -43.00
Extract, solid, bgs.	lb.	.0460-.04475
liquid, tanks	lb.	.05 - —
bbls.	lb.	.05¾- —
Wax, amorphous, group 3, at refineries: 160-165. amber.	lb.	.15½- —
black	lb.	.14 - —
white	lb.	.26 - —
Wax, amorphous, 180-185, amber,	lb.	.17½- —
black	lb.	.16 - —
white	lb.	.30 - —
Bayberry, bgs.	lb.	.18 - .20
Bees,[3] white, bleach, slabs, cs.	lb.	.58 - —
cakes, cs.	lb.	.59 - —
discs, cs.	lb.	.60 - —
yellow, crude, Africa	lb.	.49 - —
Brazilian, Chilean, bgs.,	lb.	.50 - —
refd., slabs, cs., lbs.	lb.	.55 - .56
Candelilla,[3] bgs., 1 ton	lb.	.33 - —
Carnauba,[3] No. 3 chalky, bgs.,	lb.	.75 - .76
No. 2, N.C., bgs.	lb.	.82 - .83
N.C., 3, bgs.	lb.	.77 - .78
refined, bgs.	lb.	.83 - .84
yellow, No. 1, bgs.	lb.	.87 - .88
No. 2, bgs.	lb.	.86 - .87
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton	lb.	.13½- .14
bgs., 1 ton	lb.	.13½- .14
jobbing lots	lb.	.14½- .15
150°-160° m.p., bgs., 1 ton	lb.	.15½- .16
jobbing lots	lb.	.16½- .17
160° m.p., bgs., 1 ton	lb.	.16½- .17
jobbing lots	lb.	.17½- .18
Japan, cs.	lb.	.30 - .31
Montan, bgs.	lb.	.45 - .—
Ouricury,[3] bgs.	lb.	.55 - .62
Ozokerite, hard, green, congeal., p. 66°-68° C., bgs.	lb.	No stocks
70°-72° C., bgs.	lb.	No stocks
74°-76° C., bgs.	lb.	No stocks
snow-white, pure, 76°-78° C., bgs.	lb.	No stocks
yellow, natural, 76°-78° C., bgs.	lb.	No stocks
Paraffin (see P).		
Spermaceti, blocks, cs.	lb.	.24 - .25
cakes, cs.	lb.	.25 - .26
White lead (see Lead, white).		
White pine bark, rossed, bls.	lb.	.08 - .09
White precipitate, powd., dms., 50 lbs. or more	lb.	2.84 - —
Whiting, chalk, com'l., dry-grd., pap. bgs., c.l., works.	ton.	18.00 -22.00
l.c.l., works	ton.	20.00 -24.00
wet-grd. blp. bgs., c.l., works.	ton.	21.00 -25.00
l.c.l., works	ton.	22.00 -27.00
gilders, bolted, pap. bgs., c.l., works.	ton.	20.00 -24.00
l.c.l., works	ton.	21.00 -24.00
extra bolted, pap. bgs., c.l., works.	ton.	22.00 -26.00
l.c.l., works	ton.	23.00 -27.00
Paris white, pap. bgs., c.l., works.	ton.	24.00 -28.00
l.c.l., works	ton.	25.00 -29.00
Limestone, air-floated, 99¾%, 250 mesh, pap. bgs., c.l., works.	ton.	10.10 - —
200 mesh, pap. bgs., c.l., works.	ton.	9.50 - —
99%, 200 mesh, pap. bgs., c.l., works.	ton.	7.60 - —
gilders, pap. bgs., c.l., works.	ton.	11.50 -13.00
l.c.l., works	ton.	12.50 -16.00
Whiting, gilders', putty grade, water-floated, bgs., c.l., works.	ton.	12.00 -13.00
l.c.l., works	ton.	13.00 -16.00
precipitated, bgs., c.l., works,	ton.	14.00 -15.00
l.c.l., works	ton.	18.00 -25.00
Wild cherry bark, thick, natural, bls.	lb.	.05½- .06
rossed, bls.	lb.	.14 - .15
thin, natural, bls.	lb.	.09½- .10
rossed, green, bls.	lb.	.15 - .16
Wild indigo root, bls.	lb.	.22 - .23
Witch-hazel extract, dist., NF, bbls.	gal.	.72 - .75
leaves, bls.	lb.	.07 - .09
Witherite (see Barium carbonate, natural).		
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N.Y.	ton.	24.00 -25.00
80 mesh, same basis	ton.	26.00 -28.00
100 mesh, same basis	ton.	30.00 -32.00
import, 70 mesh, bgs., ex dock.	ton.	No prices
80 mesh, bgs., ex dock.	ton.	No prices
100 mesh, bgs., ex dock.	ton.	No prices
120 mesh, bgs., ex dock.	ton.	No prices
Wormseed, American, bgs.	lb.	.08 - .09
Levant, bgs.	lb.	No prices
Wormwood, bls.	lb.	.50 - .60

X

Xylol[3] (xylene), indus., dms., returnable, works.	gal.	.32 - —
tanks, E. of Omaha, frt. alld.	gal.	.27 - —
tanks, W. of Coast, f.o.b. Minnequa, Colo.	gal.	.27 - —
10°, dms., returnable, works,	gal.	.35 - —
tanks, E. of Omaha, frt. alld.	gal.	.30 - —
5°, dms., returnable, works.	gal.	.42 - —
tanks, E. of Omaha, frt. alld.	gal.	.40 - —
3°, dms., returnable, works.	gal.	.49 - —
tanks, E. of Omaha, frt. alld.,	gal.	.47 - —
Xylidin, mixed, dms.	lb.	.35 - .36

Y

Yara yara, cryst., cns.	lb.	1.80 - 1.85
Yellow,[3] arsenic sulphide, dom., bbls., f.o.b. New York	lb.	.52 - .55
bottles, same basis	lb.	.60 - .64
imp., bbls., same basis	lb.	.20 Nom.
Benzidine, bbls., dlvd.	lb.	1.35 - 2.25
Cadmium, CP, import, bxs.	lb.	1.35 - 1.40
lithopone, primrose, lemon, golden and standard orange, ton lots, bbls.	lb.	.55 - —
Yellow, cadmium, lithopone, primrose, lemon, golden, and standard orange, 400-2,000 lbs., bbls.	lb.	.60 - —
100-300 lbs., pkgs.	lb.	.65 - —
Yellow cadmium lithopone prices are f.o.b. Balto. or whse. points, transportation prepaid or allowed E. of Rockies.		
Sulphide, orange, cases, works.	lb.	1.10 Nom.
Chrome, CP, bbls., dlvd. No. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts.	lb.	.16 - —
Chrome yellow, CP prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.) Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago		
Dutch, pink, bbls.	lb.	.09 - .11
Hansa, bbls., same basis,		
primrose shade, bbls., same basis chrome	lb.	1.37 - —
Mercury oxide, tech., bbls., 1,000 lbs.	lb.	1.75 - —
smaller lots.	lb.	2.87 - —
Ocher, Amer., golden bbls., works.	lb.	2.89 - —
yellow, bbls., works.	lb.	.04½- .06¼
French type, bbls., c.l.	lb.	.02 - .02¼
l.c.l.	lb.	.0345- —
Yellow, oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.	lb.	.04½- —
Bethlehem, Easton, N.Y.	lb.	.04⅞- —
l.c.l., same basis	lb.	.05 - —
synth., bbls., c.l., works.	lb.	.07 - —
l.c.l., same basis	lb.	.07¼- —
Persian orange (see O).		
Zinc, bbls., same basis, chrome CP, contracts	lb.	.17½ -
open order	lb.	.17½- -
Navy specifications type, contracts.	lb.	.17½ -
open order	lb.	.17½- -
Yellow dock root, dom., bls.	lb.	.16 - .18
Yellow root (xanthoriza), bls.	lb.	.11 - .13
Yerba santa leaves, bls.	lb.	.13 - .14
Yohimbine hydrochloride, viz.	oz.	3.00 - 5.75

Z

Zein, bgs., 1,000 lbs. or more, works.	lb.	.20 - —
less than 1,000 lbs., works.	lb.	.25 - —
Zinc,[4,5] Metal (see paint market).		
acetate, tech., bbls., dlvd.	lb.	.16 - .17
USP, bbls., 250 lbs.	lb.	.27 - —
kgs., 100 lbs.	lb.	.29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies.	lb.	.12 - —
l.c.l., bgs.	lb.	.12½- —
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.		
Zinc, carbonate, tech., bbls.	lb.	.14 - .20
USP, precip., powd., bbls.	lb.	.32½- —
25-lb. dms.	lb.	.37½- —
kgs.	lb.	.34½- —

Vitamin—Zinc Oxide

Zinc, chloride, tech., fused, dom., c.l., works.	100 lbs.	5.00 - —
l.c.l., works.	100 lbs.	5.35 - —
gran., dms., c.l., works.	100 lbs.	5.75 - —
l.c.l., dms., works.	100 lbs.	6.50 - —
USP, 100-lb. dms.	lb.	.30 - .31
25-lb. jars.	lb.	.36 - —
solut., 50%, dms., c.l., works,	lb.	.0315- —
l.c.l., works.	lb.	.04¼- .04½
tanks, works.	lb.	.0250- —
Cyanide, kgs., works.	lb.	.33 - .37
Dust, bbls., c.l., dlvd.	lb.	.1035- —
l.c.l., bbls., f.o.b. works.	lb.	.1135- —
Iodide, N. F., bots.	lb.	4.54 - —
jars	lb.	4.40 - —
Fluoride, bbls.	lb.	.20 - .28
Metal (see daily quotations in Market report.)		
Oxide,[2] pigment, dom., acicular type, bgs., c.l., dlvd.	lb.	.07¼- —
l.c.l., dlvd.	lb.	.07½- —
bbls., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd.	lb.	.07¾- —
Amer. process, coml., lead free, bgs., c.l., dlvd.	lb.	.07¼- —
l.c.l., dlvd.	lb.	.07½- —
bbls., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd.	lb.	.07¾- —

—Continued on page 61

ZINC IN WAR
Loading a gun with 3-inch shells. U. S. Navy photo
BRASS, BRASS AND MORE BRASS
The United States Army and Navy have no satisfactory substitute for brass shells and cartridges. Nor is there any substitute for the high grade zinc used in ordnance brass.
When shell charges are detonated, brass casings heat rapidly to expand and seal the gun breech; then in cooling quickly they shrink to permit easy ejection. It is questionable whether this action can be obtained with any other metal.
From a manufacturing standpoint, it is essential to use 30% of high grade zinc in shell brass to achieve the proper degree of ductility and formability. These properties are necessary to withstand the deep drawing operations employed in forming shell cases in automatic machines.
The fact that one shell of 5-inch diameter requires 18 pounds of brass is impressive. But when the millions of cartridge and shell cases for automatic rifles, machine guns, anti-aircraft and mobile artillery are considered, then the total zinc tonnage required for the Victory Program can be more fully appreciated.
It is this tonnage, plus the war needs for other products normally consuming zinc, which is making it difficult for civilian users to obtain all of the zinc they would like to use.
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PHARMACEUTICALS
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RUBBER
PAINT
New Jersey zinc

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison.

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Unity and the Law

Unity of purpose and unity of action are essential to the proper functioning of all agencies, public and private, volunteered and conscripted, which are concerned with the big job of winning the war for the United States. War production has been put under the control of one man. That man has united some of the hundreds of offices in which war business is being handled. He will unite more of them. It is of prime importance that he have business behind him in the work he must direct; and this requires that business be allowed to unify its facilities and its activities.

It seems that the chairman of the War Production Board has been bothered by the same doubt that lay upon his predecessors and which has had substantially to do with the slowness of the engagement of business in the jobs of war. This is the doubt with respect to the attitude of the Department of Justice toward concerted business endeavors. It now appears that the antitrust prosecutors have made more definite their temporary exemption from application of their special statutes of business concerns which act in concert at the request of the war board. This exemption is still hedged about with numerous conditions. It does not, as some say was desired, but not requested, by WPB, postpone action in pending antitrust suits or suspend ordinary application of the antitrust laws for the duration of the war.

At the same time the Department of Justice and Congress are paying attention to the need for guarding against fraud under war contracts. Concerted restraint of trade can be put in that category as far as war business is concerned; and provision will exist for the necessary pooling of materials, of orders, of facilities, of equipment, without which the war effort must fall short of what it should be.

It is easy and pleasing to argue that war is too big for anybody to bother with restraint of trade or other unfair competition, so trust-busting should take a holiday. But, it is that sort of pollyannaism which makes the antitrust laws necessary.

Size or Service

An old question is being opened from a new angle by the curtailment of supplies of various materials for civilian consumption. Distributors are not able to get these goods in the quantities which they customarily purchased. As was pointed out in the meeting of the Federal Wholesale Druggists Association last week, this faces the wholesaler with a doubt that he will be allowed the percentage discount that he formerly got. And if his margin is thus reduced along with the possible volume of his sales, he seeks to know how he is going to make a living. It is to be noted that, in some instances, the wholesaler is not in position to increase his selling price.

The question reopened by the dearth of certain commodities is that of whether a wholesaler should be allowed a special discount because of the quantity of a certain article which he purchases, or because of the service he performs as middleman between manufacturer and retailer. This question almost wrecked the Robinson-Patman antidiscrimination bill, and it was not answered by that measure so as definitely to give the wholesaler functional recognition.

The extent to which the wholesaler has been displaced in the system of distribution is commensurate with the practicability of dispensing with his services. The extent to which he continues to function is measured by the need for his services. And he still is necessary to a substantial extent: those who argue to the contrary disregard obvious facts simply because these lie beyond the horizon of their interests.

The wholesaler's right to a special discount under the Robinson-Patman act lies on the fact that it costs less to sell what he handles through him than it would to sell it direct. The law indirectly recognizes that he performs a service of monetary value. That is the reason why he is entitled to adequate compensation, even though the volume of his service is reduced through no fault of his own.

BUY BONDS FOR VICTORY

Tax Uncertainty Irks

Nobody knows what sort of taxation will be applied in the endeavor currently to pay at least a part of the costs of war. This lack of information is as marked on the part of Congress as it is among the people at large—but it is less irksome in the legislative circles.

Some observers are of the opinion that Congress is behind schedule with its war-taxmaking. This, of course, depends on the sort of tax that is contrived; some taxes must be saved for in advance by most taxpayers. These are the popular ones; they are also the sort which can be and are anticipatorily charged into profits and passed along—dodged, in simpler language.

That may be the reason why Congress does not wish to give any more advance notice than is necessary. In such manner the Smith Production Corporation will be prevented from charging its tax against the Jones Wholesale House which passes it along with interest to the Brown Retail Store which, in turn, includes it, along with its regular margin of profit, in its selling price—and the consumer pays not only what the government gets from the Smith concern, but also the profits of the intermediary distributors.

That sort of taxation is not democratic; it savors more of the pickpocket. This should be sufficient reason for Congress to discard the antique system in favor of an equitable one that can be fitted to any need by a simple arithmetical change. The formula is simple:—Drop all excises and other taxes now applied; calculate the national income of individuals—now running close to $100,000,000,000 a year—lay out the budget, being as fair as is politically possible; figure the percentage of the national income required to meet the budget; levy a direct tax on all individual incomes at the source on a sliding scale—from 0.5 percent to 100 percent—which will average the return required. And tax corporations only on their actual assets; taxing their incomes means merely that the paying is passed to the consumer. Direct, open, equitable taxation is the policy of a government that is not afraid to have its people know what they must do for it.

The one obstacle in the way of such a tax is that it falls alike on every sort of income. There is nothing democratic or even fair about such an objection. All the argument for taxfree dividends or interests from securities and for untaxed pay for public servants is but selfish dodging of a national duty. The decrying of opposition to tax exemption of certain securities has a quite Bourbonist sound when men are under arms for their country at a small fraction of their customary compensation.

BUY BONDS FOR VICTORY

Bitter Medicine

Those who furnish the public with its medicines might do well to begin forewarning consumers to expect less and less sweetness in their favorite or necessary potions. The sugar control system apparently is working against an adequate supply of the sweetener for pharmaceutical use.

Small pharmaceutical manufacturers are complaining that they have been denied sugar by the wholesale grocers from whom they were accustomed to purchase it. These denials were based on the fact that the manufacturer did not also buy from the wholesaler canned corn, bottled olives, and packaged gingersnaps. Local WPB staffs, to whom such complaints have been made, have not even had an encouraging word for the complainant manufacturers.

The head of the WPB sugar section in Washington, influenced by similar complaints on the part of small, local manufacturers in various lines, has "appealed" to grocery stores and other retailers to take care of small industrial users. He points out that the sugar order makes certain quantities available to wholesalers and he says that the latter pass it on to the retailers—but he does not say what conditions attend this passing. The official view is that wholesalers violate the "spirit" of the law when they require the buying of other things as a condition of getting sugar. Apparently the "flesh" of of the law is very weak.

The whole thing, says the sugar chief, is on the basis of "voluntary cooperation" (sic); to the sugarless pharmaceutical manufacturer his status in view of the wholesalers' attitude is more like involuntary servitude. And still it is difficult for some persons to understand why government must force business to do what is required for the general good. The allotting of sugar is to be put on a trading-stamp system soon. It is far more necessary that it be put on a practicable basis—and that every system of control be fitted with court martial teeth.

CALCIUM GLUCONATE

CALCIUM salts have been administered, both orally and parenterally, for a number of years in the treatment of various disorders. Originally several salts with inorganic acids were used but it was found that the inorganic radicles caused certain untoward effects and a search was begun for a salt which would not give rise to these difficulties.

As a result of this search the use of Calcium Gluconate in calcium therapy was developed. As Gluconic Acid is the first oxidation product of glucose (dextrose) and is readily assimilated in the body, the use of its calcium salt was found to obviate most of the ill effects caused by the inorganic salts previously used.

Several years prior to 1930 the production of Gluconic Acid and Calcium Gluconate was begun in Europe, glucose being subjected to a chemical oxidation to produce the acid. The process was quite expensive and resulted in rather high prices for Calcium Gluconate.

In 1930, after several years of intensive research, Chas. Pfizer & Co., Inc. first began the limited production of Gluconic Acid by a fermentative process, using glucose (dextrose) as the raw material. At the same time, Calcium Gluconate was also made available. The Pfizer product met with ready acceptance and because of the economy of the fermentative method of production and since the raw material was a product of American agriculture, considerable reductions in price have been possible. This lower cost has also permitted the wider use of this salt in the field of veterinary medicine.

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Heavy Chemicals

Inquiries From Civilian Channels Continues to Taper Off —Some Consideration May Be Given to Alkali Allocations —Defense and Export Emergency Pool Also Possibility

Following the trend of the preceding period, business in the market for heavy chemicals was quiet last week. A general slackening occurred in the number of inquiries from civilian channels, which reflected to some extent the production curtailments in certain lines. It also indicated that consumers have given up hopes of obtaining additional material, or were content to sit tight during the change over to total war efforts. Sellers, however, were well booked ahead against contracts to regular consumers and with priority orders, welcomed the respite.

Some talk was heard about placing alkalies under allocation, and forming an emergency pool to provide for defense and exports to Latin America. Soda ash at the moment appeared to be even tighter than caustic soda. Many producers are not booking any new contracts or taking spot business. Export orders have also been curtailed. New contracts are usually based on what consumers took the preceding twelve months, allowing for a normal increase during the latter part of last year.

Paper production as a percentage of six-day capacity, was 103.2 percent in week ended January 31, according to the American Paper and Pulp Association. This compares with 104.1 percent in previous week and 86.4 percent a year ago.

Alums.—Movement steady against contracts. Prices were unchanged and firm.

Alumina Sulphate.—Shipments usually restricted to regular contract consumers for normal requirements.

Ammonia, Anhydrous. — Defense needs heavy, while civilian supplies allocated to regular consumers. Prices rule firm.

Ammonia, Aqua.—Situation continued tight, and inquiries steady. Prices were firm.

Ammonia Bicarbonate. — Market position firm, withdrawals steady to usual consuming channels.

Ammonia Bifluoride.—Spot offerings scarce, and prices lacked any change.

Ammonia Nitrate.—Bulk of material going directly into defense. Quotations rule unchanged.

Ammonia Phosphate. — Shipments held to regular consumers for normal needs. Prices firm.

Antimony Oxide

Bookings were sufficient to absorb available output of antimony oxide, and sellers usually limited transactions to regular consumers. The government's control of antimony ore imports through the Metal Reserve Corp. regulated supplies of raw material. Shipments of antimony ore from China has declined sharply as a result of the hostilities in the Far East. However, shipments increased from Mexico and Bolivia.

Antimony oxide is principally employed as a pigment in sanitary enamelware and nitrocellulose enamels. Some material has entered the defense program in paints used for ships and airplanes, while some found use in construction of army camp facilities. Some curtailment may be expected to follow in its use for refrigerators and in sanitary equipment for housing.

Prices have worked gradually higher over the past two years. Before the start of the war in August, 1939, price for car lots was 11c. per pound, and less car lots 11¾c. per pound. This compares with current quotations of 15c. in car lots and 16½c. in less car lots.

Price Changes

Advanced

Strontium chloride, 2c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
170.1	**170.1**	**168.9**	**158.2**

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
116.0	**116.0**	**116.0**	**101.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Ammonia Silicofluoride. — Prices nominal, and offerings very limited.

Ammoniac, Sal.—A good volume of business reported to keep market in firm position.

Arsenic.—Bookings continued brisk for white material. Prices held at levels in force previously.

Barium Salts.—Good demand and limited supplies characterized business in market for various barium derivatives. Prices were well sustained.

Bleaching Powder.—Market position short. Prices stabilized at current levels.

Calcium Carbide.—Situation continued tight, demand active. Prices tone firm.

Calcium Chloride.—A better than normal demand was evident. Price-wise a firm tone prevailed.

Carbon Tetrachloride.—Prices firm at ceiling levels, while business was on a full priority basis.

Chlorine. — Shipments subject to complete allocation. Prices unchanged and firm.

Cobalt Oxide.—Business allocated to regular consumers. Prices were firm.

Copper Salts.—Offerings restricted. Prices were nominal.

Copper Sulphate.—Agricultural and commercial demand heavy. Market position very firm.

Copperas. — Supplies allocated to regular consumers. Prices unchanged and firm.

Fluorspar.—Prices firm at ceiling levels established recently. Demand active.

Glauber's Salt. — Commitments steady against contracts. Prices without change.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

American Chemical Society, Hotel Peabody, Memphis, Tenn., April 19-24.

DCAT Banquet, Hotel Waldorf-Astoria, March 12.

Southwestern Conference for Cotton Insect Control, Rice Hotel, Houston, Tex., Feb. 13-14.

Technical Ass'n of Pulp & Paper Industry, Commodore Hotel, Feb. 16-19.

Lead Acetate.—Tone very firm, with supplies limited.

Magnesite.— Demand steady, and market in very firm position.

Manganese Dioxide. — Shipments moved at a steady pace against contracts. No change disclosed in the prices.

Nickel Salts.—Sellers taking care of regular consumers for normal needs. Prices rule firm.

Phosphorus.—Defense needs limit supplies for civilian uses. Prices unaltered.

Potash Carbonate.—Sellers pro rate business among regular consuming trade. Prices unchanged and firm.

Potash Caustic. — Withdrawals steady. Prices were firm at previous levels.

Potash Chlorate.—Domestic output absorbed by defense and regular civilian needs. Prices firm.

Potash Permanganate.—Business allocated to civilian channels after defense needs were taken care of. Prices unchanged.

Saltcake.—Production and consumption on an even keel to place market in firm position.

Soda Acetate.—Supplies limited, demand steady. Prices were firm.

Soda Ash.—Defense and civilian commitments heavy. Prices display firmness.

Soda Bicarbonate. — Withdrawals steady. No change in the prices.

Soda, Caustic. — A broad buying movement continued to characterize the market. Pricewise a firm tone prevailed.

Soda Chlorate. — Offerings well taken, and sellers unable to accept new commitments. Prices firm.

Soda Flouride. — Market position tight, and business restricted. Prices lacked change.

Soda Hydrosulphite.—One producer expanded output 20 percent and plans to add another 50 percent later to take care of all domestic requirements.

Soda Phosphate.—Sellers followed policy of allocating business to consumers based on previous commitments. Prices unchanged and firm.

Soda Silicate. — Business moved steadily against contracts. Prices underwent no change.

Soda Silicofluoride.—Spot offerings light. Prices nominal.

Soda Sulphide. — Active inquiry, with market in firm position.

Strontium Salts. — Chloride 2c. higher at 24c. per pound, while carbonate, technical, was quoted at 23c. per pound.

Zinc Sulphate.—Business confined to contracts for normal requirements. Prices display firmness.

Acids

While movement to defense channels continued heavy, some lag occurred in shipments to certain civilian consumers last week. Some dislocation in business was to be expected during the transition period to total war efforts. It was explained, however, that in certain acids the lag was immediately taken up by defense needs. In the case of chromic acid for instance the stoppage in automotive production curtailed shipments to the plating trade, but inquiries from airplane manufacturers were broader. Prices movements were absent in the market, and tone continued firm.

Acetic.—Prices firm at ceiling basis. Supplies continued scarce.

Chromic.—Drop in automotive needs expected to be absorbed by defense requirements. Prices firm.

Formic.—Business held to regular consuming channels and for defense needs. Prices rule firm.

Gallic.—Offerings limited. Prices were unchanged and firm.

Hydrofluoric.—Steady movement to defense and civilian channels. Prices were the same.

Lactic.—All grades moved in good volume. Prices firm.

Muriatic.—Purchases steady. Prices maintained at firm levels.

Nitric.—Defense and civilian needs broad. Prices without change.

Oxalic.—Supplies short, prices firm at ceiling basis.

Phosphoric.—Market position tight. Prices were firm.

Sulphuric. — Movement continued steady against contracts. Prices underwent no change and tone was firm.

Baltimore, Feb. 4.—The market for sulphuric acid presents its complications. Some producers are sold up, while

—*Continued on page* 32

A.C. Fergusson Given Testimonial Dinner

—*Continued from page* 3

pany, was toastmaster, and Edward Kippax, treasurer, headed the committee in charge of arrangements.

The present Fergusson company had its beginning in 1855, when the father of the present head of the company, as a young man, arrived from Scotland, affiliated himself with the then leading drug and chemical firm in Philadelphia, Dulles, Earle & Cope, and in 1865, after the war, the principals of the business having died or retired, it was liquidated and the drug and chemical business was carried on by the senior Fergusson.

In the early days of the concern, Mr. Fergusson explained, practically all chemicals were imported from England. This particularly was true of the alkalis, bleaching powder and chlorate of potash, he said. The house of Fergusson, he said, represented a number of English manufacturers, many of whom, in 1882, went into the United Alkali Company of Great Britain, the first great "trust." In 1881, he recalled, the Solvay Process Company was started and, of course, he added, from that time the amount of imported alkalis began to shrink.

During World War I, to help satisfy a demand for red prussiate of potash urgently needed for blue-print work, the speaker said, the Fergusson company manufactured this item, using an electrolytic process. These manufacturing facilities, he said, were put to other uses when the war was over and the manufacture of potash was discontinued.

This small manufacturing plant, Mr. Fergusson said, was located in Orianna street, between Chestnut and Market streets, below Fourth street, and the old deeds to the property read "Formerly grounds of B. Franklin." The manufacturing end of the business, he related, grew and other properties were acquired next to the laboratories, but in 1930, these facilities being outgrown, the company erected its present warehouse and manufacturing plant at Oregon avenue and Swanson street, Philadelphia. By purchase of additional adjoining property a few years ago, these facilities were greatly enlarged again; also a warehouse and branch sales offce was opened in Allentown, Pa.

Mr. Fergusson was a founder and former president of the Chemical Club of Philadelphia.

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Priority Forms, Orders May Be Reproduced

—*Continued from page* 3

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Heavy Chemicals

Acids

—Continued from page 31

others are retaining supplies for their own business. A new plant at Curtis Bay is scheduled to start production in about a week or ten days, and should help to relieve the tight situation. The nominal quotations remain at $14.13 per ton for 60 degree acid, with 66 degree at $16.95 per ton and 98 percent at $17.83. Oleum is quoted at $19 per ton for 20 percent stocks.

Insecticides

Producers have practically concluded preparations for the season just ahead. Actual shipments are likely to begin most any time now. Inquiries were satisfactory in the market, and consumers were assured of receiving normal supplies of most materials. Export control and allocations for South America were expected to regulate business in the foreign market. Prices were retained at previous levels and tone held firm.

Calcium Arsenate.—Producers completing preparations for seasonal consuming period just ahead. Prices underwent no change.

Lead Arsenate.—Inquiries moderate, with shipments expected to get underway shortly. Prices firm at levels established recently.

Resale Market

Inquiries continued steady in the resale market for heavy chemcials last week. However, actual business was negligible in the export market because of license restrictions, and the appearance of ceiling prices. Supplies were not too plentiful, and after the panicky conditions of a few weeks ago the general price level appeared firmer.

Soda ash was quoted at $2.50 per 100 pounds; caustic soda, $4 per 100 pounds; white arsenic, 9c. to 14c. per pound; barium chloride, 8c. per pound; copper sulphate, 6c. per pound; red phosphorus, 66c. per pound; potash carbonate, 8¾c. per pound; caustic potash, 8½c. per pound; potash chlorate, 42c. per pound; potash metabisulphite, 32c. per pound; soda chlorate, 32c. per pound; soda hydrosulphite, 30c. per pound; soda nitrite, 8½c. per pound; soda sulphide, 7½c. per pound, and formic acid, including carboys, 30c. per pound.

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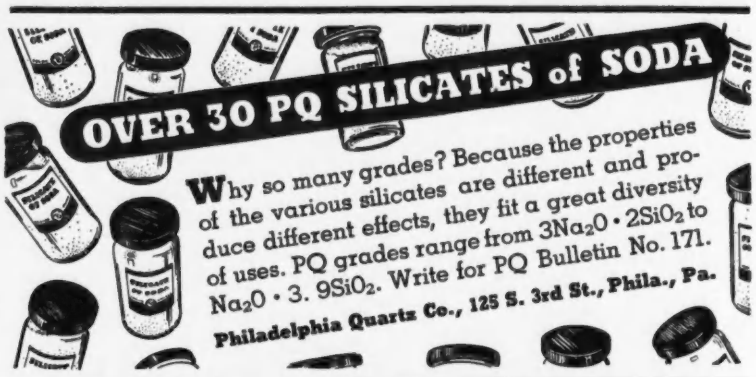
General Chemical Defense Corporation Is Formed

General Chemical Defense Corporation, this city, has been formed in New York State with a capital of $10,000. Incorporators are H. O. C. Ingraham, Charles W. Millard, H. S. Bowen, B. G. Carleton, and Richard F. Hansen.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Buyers of Industrial Chemicals for Export

Dyestuffs, Textile and Leather Chemicals

Sellers of Corn Derivatives Not Booking Forward Business —Increased Demand and Freight Advance Divi-Divi Prices —WPB Order Places Chromium Under Complete Allocation

Demand continued steady in the market for dyestuffs, textile and leather chemicals last week. The disposition of sellers was to limit forward bookings. Producers of corn derivatives, including corn starch, corn sugar and dextrin, announced that they were accepting orders on a spot basis only, at prices in effect at time of shipment. Price developments were confined to another advance in divi divi, which reflected higher freight rates as well as the increased demand for this product as a substitute for other materials no longer available.

Chromium was placed under complete allocation by the War Production Board. The order is designed to prevent depletion of existing stocks. As far as could be learned, supplies of the chemical grade were sufficient, most producers have adequate stock piles and imports have been satisfactory to date. Domestic output from Montana was expected to be available soon. However, government has earmarked supplies, and producers of bichromates and chrome chemicals were allocating business to regular consumers in compliance with the original chromium order. They also have been taking care of regular exports to South America and Lease Lend business.

Chemicals

Alumina Acetate. — Market tone firm. Business limited to regular consuming channels.

Alumina Chloride.—Business on restricted basis. Prices were firm.

Antimony Salts. — Spot offerings light. Prices held at previous levels.

Potash Bichromate. — Supplies allocated to regular contract consumers. Prices unchanged and tone firm.

Potash Prussiate.—Market position tight, and inquiries fairly steady. Prices held firm.

Soda Bichromate.—Consumers received normal requirements against contracts. Prices lacked any change.

Soda Prussiate. — Shipments moderately active. Prices display firmness.

Zinc Dust.—Prices firm at ceiling levels, and available supplies pro rated.

Price Changes

Advanced

Divi-divi, Colombian, $5 per ton. Venezuelan, $5 per ton.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
266.0	**265.8**	**263.8**	**153.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Dyestuffs

Annatto. — Interest routine. No change disclosed in the prices.

Cochineal.—New business narrow. Prices held the same.

Fustic.—Buying steady. No change in the prices.

Hypernic. — Offerings well taken, while prices were firm.

Logwood.—Shipments moved at a steady pace to regular consumers. Prices rule firm.

Turmeric. — Business confined to usual consumers, and market was in a very firm position.

Sizing Materials

Albumen, Blood.—Defense and civilian needs absorb all offerings. Prices rule firm.

Albumen, Egg.—Prices for domestic and imported stabilized at current levels. Offerings limited.

Dextrin, Corn.—Sellers accepting orders on day to day basis, with prices prevailing at date of shipment. Prices rule unchanged and firm.

Dextrin Potato.—Domestic material taken steadily, and prices were firm.

Egg Yolk.—Prices remain firm at levels established previously. Inquiries moderate.

Sago Flour.—Spot supplies sufficient to care for normal needs. Prices were the same.

Starch, Corn.—Business on a strictly spot basis, with sellers booking no forward orders for the present. Prices lacked change and tone firm.

Starch, Potato. — Bookings steady, and market underwent no price revision.

Starch, Rice.—Shipments moved at steady pace to keep market position firm.

Tapioca Flour.—Offerings on spot sufficient to care for normal needs. Prices range from 4½c. to 7¼c. per pound.

Tanning Materials

Chestnut.—Steady movement continued against contracts. Prices rule firm.

Cutch.—Prices nominal, replacement highly uncertain from Far East.

Divi-Divi. — Prices advanced $5, making Colombian $60 per ton and Venezuelan $65 per ton. Good inquiry.

Gambier.—Spot offerings negligible. Prices strictly nominal.

Hemlock. — Supplies scarce, and market nominal.

Mangrove.—Price withdrawal, with shipments held up from primary centers because of shipping space.

Osage Orange. — Supplies limited, and inquiries reach market steadily.

Quebracho.—Demand steady. No change occurred in the prices.

Spruce.—Some grades in light supply. Demand brisk.

Wattle Bark. — Steady inquiry. Prices underwent no change.

Resale Market

Business continued narrow in the resale market for dyestuffs, textile and leather chemicals last week. Inquiries were fairly steady, but restrictions on export limited transactions. Potash bichromate was quoted at 22c. per pound and soda bichromate at 23c. per pound.

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Textile Technologists Discuss U.S. Needs

The American Association of Textile Technologists held a meeting February 4. The speakers included John C. Green, of the National Inventors' Council, who talked on "Objects and Functions of the New Investors' Council." He described in general how they organized, what the personnel is and who are the outstanding members of the organization. Miss Irene Blunt, secretary of the National Federation of Textiles, and Harvey Willson, director of research, of the National Federation of Textiles. Their subject was "Textile problems of wartime civilian supply and government requirements." They reviewed the various phases of government control of textile fibers and fabrics, the place of textiles in the general civilian picture and the trend of government use of the country's textile producing facilities.

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Export Licenses Conditioned to Price

—*Continued from page* 3

by a special postcard, obtainable from collectors of customs and district offices of the Bureau of Foreign and Domestic Commerce, which will be returned to the applicant giving the case number of his application. All correspondence regarding an application must refer to this case number. Individual licenses no longer carry license numbers, but each application now carries a case number for identification purposes only and the number does not indicate what action has been taken. A license is valid only when impressed with a seal and countersigned.

All information regarding an export license must be attached to the application at the time it is filed rather than submitted later. Applicants are asked not to inquire about pending applications until sufficient time has elapsed for action, and not to submit hypothetical questions.

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A. W. Hill, of E. I. duPont de Nemours & Co., Wilmington, has been elected president of the Rayon Yarns Credit Association.

Corn Sugar

Production and consumption of corn sugar was abnormally high during the past several months. The 1940 production totaled 458,000,000 pounds. Present plans call for an increase of about ten percent over this figure, although the contemplated plant expansion will not be completed until near the end of this year. The corn refining industry is running at full blast, and corn grind this year is estimated at 125,000,000 bushels, against 110,000,000 bushels in the previous year, and a former peak of 86,923,794 bushels in 1928.

The uses of corn sugar, particularly the refined, was expected to be increased because of the prevailing situation in sugar. The rayon industry is one of the largest users of crude corn sugar, while a good portion goes into chrome tanning. The textile trade employs corn sugar for sizing and weighting.

Prices have been fairly well stabilized for almost a year. The tanners' grade is currently quoted at $3.51 per 100 pounds in car lots for slabs, while chipped was $3.59 per 100 pounds. This compared with $2.96 and $3.04 per 100 pounds before the beginning of the war.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

American Association of Textile Chemists & Colorists, Council & Research Committee, N. C. State College, Raleigh, N. C.; Philadelphia Section, Hotel Philadelphia, February 27.

DCAT Banquet, Hotel Waldorf-Astoria, March 12.

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BENZOL
TOLUOL
XYLOL
SOLVENT NAPHTHA
HI-FLASH SOLVENT
FLOTATION REAGENTS
ANHYDROUS AMMONIA
HYDROGENATED COAL-TAR CHEMICALS
Cyclohexane 98-100%
Methylcyclohexane 98-100%
Cyclohexanol 98-100%
Methylcyclohexanol 98-100%
Cyclohexanone 98-100%
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Coaltar Chemicals

February Tar Acid Allocations Delayed by OPM Change Over —Diphenylamine Placed Under Complete Allocation by WPB —December Output of By-Product Coke at New High Level

Business from defense and civilian channels continued to absorb available offerings in the market for coaltar chemicals last week. While allocations of tar acids have worked smoothly so far some slight delay was encountered in February allotments because of the change over from the OPM to WPB. Forms for toluol allocations have been received and forwarded to Washington for February shipments. All supplies of diphenylamine were ordered on complete allocation basis as of February 1 by the War Production Board to take care of all defense and essential civilian requirements. Prices lacked change and tone remained firm.

The production of by-product and beehive coke during December established an all time monthly record and also brought the total output for the year to a point far exceeding any previous annual production. December total coke production amounted to 5,836,420 net tons, an increase of 8.8 percent above November, according to the Bureau of Mines. Aside from the additional day in December, an important factor for the increase was the addition of new by-product ovens and rehabilitated beehive ovens.

Coke was produced at 86 plants of which 59 recovery benzol; 55, toluol; 50, xylol; 30, naphthalene; 86, tar; 7, creosote oil, and 11, phenol. Production of the principal by-products of the coking process increased in December when compared with November. Benzol, industrial grades, gained 14 percent; xylol, crude and refined, 11.9 percent; crude naphthalene, 13.3 percent; creosote oil, 10.1 percent and all grades of phenol 10.2 percent.

Price Changes

Advanced
None
Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
130.1	130.1	130.1	126.6

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Demand steady, market position satisfactory. Prices firm. December recovery 13,567,027 gallons against 12,037,198 in November and 12,613,920 gallons in December, 1940.

Coaltar. — Stocks of crude and refined well taken. Prices unchanged and firm.

Creosote Oil. — A steady replacement inquiry absorbed available offerings. December output 3,562,524 gallons, against 1,752,476 gallons in December, 1940.

Cresols. — Allocations governed transactions in the market. Demand steady. Prices rule firm.

Cresylic Acid.—Active inquiry, with available material under full allocation. A firm price tone governed the dealings

Naphthalene.—Industrial grade well sold ahead, with a good portion entering defense channels. Prices firm. December crude production 7,319,988 pounds, an increase of 13.3 percent over November, and compares with 7,235.540 pounds in December, 1940.

Phenol.—Market in short supply, business allocated to consuming channels. Prices unchanged and firm. December output 2,140,318 pounds, a gain of 10.2 percent over November, and compares with 1,874,930 pounds in December, 1940.

Pyridin.—Shipments steady. Prices held at previously established levels.

Tar Acid Oils.—Supplies allocated. Prices lacked any alteration.

Toluol.—Material now under allocation. Bulk moving to defense channels. Prices firm. December recovery 2,643.254 gallons, against 2,486,904 gallons in November and 2,439,139 gallons in December, 1940.

Xylol.—Demand continued to exceed supplies. Prices were firm. December output was 783,505 gallons, compared with 699,985 gallons in November and 550,787 gallons in December, 1940.

Chicago.—Buying of various grades of coaltar bases remains steady. Benzol has been in good call, with more interest displayed in material for immediate needs. Inquiry is rather good all along the line. Ruling prices exclusive of tax are:—Benzol, 90 percent, 15c. per gallon; motor benzol, 8c. to 9c. per gallon; toluol, 28c. per gallon; 10-degree xylol, 27c.; solvent naphtha, 27c.; creosote oil, grade 1, 15½c. per gallon.

H Acid

While no estimates were available on current consumption of H acid, it was evident that demand followed pretty closely to the expansion in dyestuffs. The latest available statistics reported by the United States Tariff Commission showed 1940 output of 4,309,180 pounds, compared with 3,664,378 pounds in the 1939 period.

H acid is one of the basic materials used in processing a large number of important dyestuffs including such groups as the monoazo, disazo and trisazo dyestuffs. Many of the dyestuffs have a direct connection with the national defense program.

Prior to 1917, H acid was not manufactured in this country. The change brought about in the dyestuff industry since the last war led to a self sustaining domestic output. During 1918 the price was quoted from $2.25 to $3 per pound compared with current price of 45c. per pound.

Coaltar Acids

Anthranilic.—Supplies remain limited, prices were firm.

Benzoic.—Sellers pressed to handle all inquiries. Prices rule firm.

Broenner's. — Withdrawals moderately active. Prices without change.

Cleve's.—Inquiries steady. No change occurred in the prices.

Gamma.—Consumers made replacements steadily. Prices unaltered.

Laurent's. — Buying routine, while prices underwent no change.

Maleic.—Active demand, market position tight. Prices unchanged.

Malic.—A better than normal interest was prevalent to keep market firm.

Picramic.—Shipments steady. No change developed in the prices.

—*Continued on page* 35

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

American Assn. of Textile Chemists & Colorists, Council & Research Committee, N. C. State College, Raleigh, N. C.

DCAT Banquet, Hotel Waldorf-Astoria, March 12.

Chemical Workers And Payrolls Gain

—*Continued from page 3*

Employment in the chemical group of industries was 112 percent above the average of all industries. Payroll totals were 11.1 percent above the general average for industries.

Detailed Comparisons
Payroll Totals

Employment

(100 = 1923-25 average)

	Dec., 1941	Nov., 1941	Dec., 1940
Chemicals	186.5	184.9	149.9
Cottonseed oil, cake and meal	117.2	123.0	129.1
Druggists' preparations	149.4	148.2	115.8
Fertilizers	105.8	101.2	95.0
Paint and varnishes	142.3	142.7	126.0
Petroleum	129.4	129.2	119.8
Rayon and allied products	320.6	323.2	322.1
Soap	92.5	96.5	84.8

Payroll Totals

(100 = 1923-25 average)

	Dec., 1941	Nov., 1941	Dec., 1940
Chemicals	271.0	264.6	187.9
Cottonseed oil, cake and meal	126.6	132.8	129.2
Druggists' preparations	183.5	189.2	130.7
Fertilizers	104.4	99.1	80.5
Paint and varnishes	174.1	171.7	138.7
Petroleum, refined	176.6	167.8	139.0
Rayon and allied products	391.2	385.8	334.4
Soap	133.6	138.5	106.3

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1939 average:—

	Employment		Payroll totals	
	Dec., 1941	Nov., 1941	Dec., 1941	Nov., 1941
Metalliferous mining	79.5	79.3	90.9	90.3
Quarrying and nonmetallic mining	50.8	52.8	56.0	57.5
Crude petroleum producing	61.0	61.0	64.9	62.5
Dyeing and cleaning	113.1	17.2	88.5	92.8

Oil Royalty Rate Of 12½% to Be Asked

Senator Joseph O'Mahoney, Wyoming, plans to introduce a bill asking for a flat rate of 12½ percent royalty on all public land leases. The royalty now paid averages about 16⅔ percent. Senator O'Mahoney feels that such a revision would stimulate the search for new oil supplies.

Paregoric Sale Licensing to Be Sought

—*Continued from page 4*

dicinal requirements, with specific quantity limitations on individual sales to retailers, practitioners, and hospitals.

Inspections of hospitals, sanatoria, and clinics have disclosed a decided tendency on the part of such establishments to overstock on morphine and codeine. Where a stock is found to exceed nine months' supply its return to the wholesaler is requested. Both hospitals and wholesalers have cooperated admirably to correct this hoarding of stocks.

We have ordered some 2,000,000 grains returned to the wholesale houses for redistribution. We have also maintained in the international field a complete system of import and export certificates, so that the treaties will not fall apart during the war.

We processed over 200,000 pounds of opium last year; about 180,000 pounds for our own people, and about 20,000 pounds for use in other parts of the world, particularly in Latin America.

The legislation to license the growing of opium poppies is necessary, Commissioner Anslinger said, because farmers in this country are growing them for seed to be sprinkled on bread and rolls since imports of poppy seeds have been shut off by the war. He said that imports formerly were about 3,000,000 pounds per year, and the price has gone up from seven cents to fifty cents per pound, and farmers in almost every state are attempting to grow poppy seeds.

California has passed a law requiring a license to grow poppies, but unless there is some federal control there may be 13,000 acres planted to produce the 8,000,000 pounds of seed desired by the baking trade, he said.

The United States is still able to get opium from Turkey, but it is becoming more difficult, Mr. Anslinger told the committee.

Fischelis to Direct Civilian Health Supplies

—*Continued from page 7*

of the Civilian Supply Division of the War Production Board.

Dr. Fischelis will organize a staff of specialists and consultants in the field of hospital, medical, and drug supplies at the Washington office of the War Production Board, whose function it will be to study civilian needs and plan for the proper allocation of available health and medical supplies to meet such needs. Problems involving replacement of drugs derived from foreign sources which are no longer accessible will receive attention. Possibilities of replacing certain drugs derived from scarce or critical materials with drugs of similar therapeutic action derived from more plentiful sources will also be considered.

It is the function of the Civilian Supply Division of the War Production Board to formulate programs and plans providing for the equitable distribution among competing civilian demands of the materials made available under war regulations. Dr. Fischelis has been assured of the cooperation of State and local health boards, the faculties of the colleges of pharmacy holding membership in the American Association of Colleges of Pharmacy, and other organizations in evolving plans for supplying the civilian population with essential drugs and other health needs.

N.Y. Trade Board To Hear Rovensky

The New York Board of Trade, at a luncheon in the Hotel Astor, February 19, will be addressed by Joseph P. Rovensky, who is chief of the financial and commercial division of Coordinator of Inter-American Affairs. The consuls general of all Latin American countries will be on the dais.

Coaltar Chemicals

Coaltar Acids

—*Continued from page 34*

Picric.—Defense and civilian needs absorb available supplies.

Salicylic.—Supplies tight, demand active. Prices failed to change.

Sulphanilic. — Business confined to regular consuming channels for normal needs.

Tobias.—A good demand characterized the market. Pricewise a firm tone predominated.

Other Intermediates

Alphanaphthylamine. — Offerings usually restricted, and prices were firm.

Anilin.—Defense and civilian needs heavy, with business allocated. Prices unchanged and firm.

Anthraquinone. — Shipments brisk, with market position tight.

Benzaldehyde.—Technical grade in steady demand, with prices very firm.

Benzidin Base.—Interest steady. No change disclosed in the prices.

Betanaphthol.—Inquiries continued in excess of supplies. Prices were the same.

Betanaphthylamine. — Withdrawals steady. Prices held at previous levels.

Diethylanilin. — Business moderately active. No change in the prices.

Dimethylanilin.—Buying active, and market remained in a tight position.

Dinitrobenzene.—A good volume of business continued in evidence. Prices well maintained.

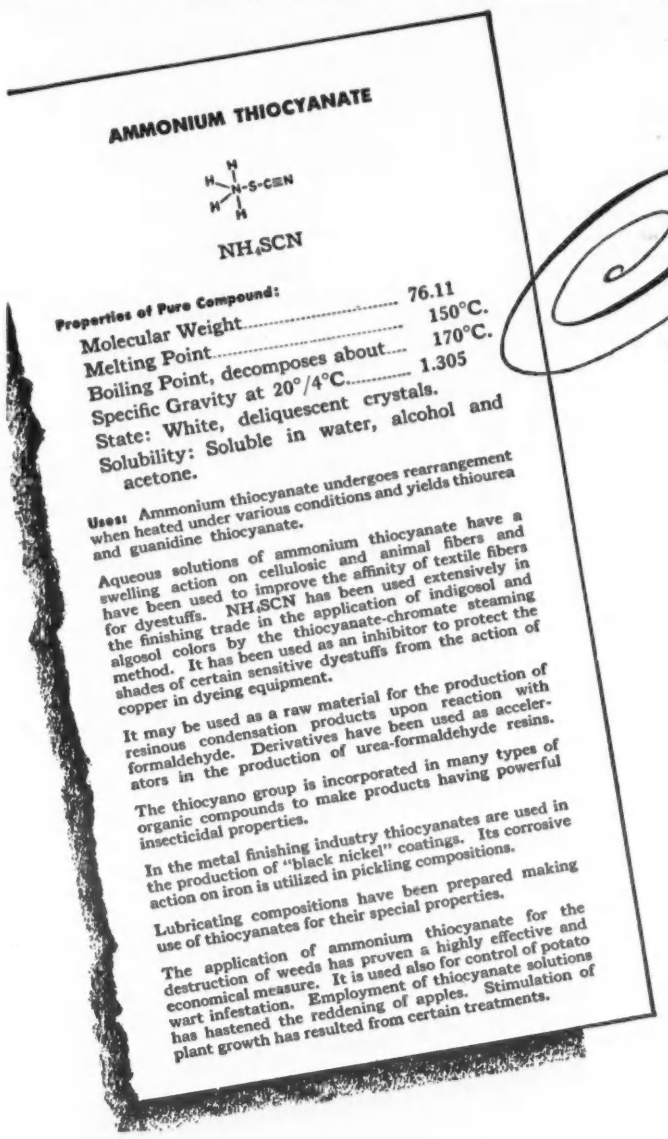
Dinitronaphthalene. — Shipments moved steadily against contracts. Prices unaltered.

Dinitrophenol. — Business usually confined to regular contracts for normal requirements. Prices held firm.

Dinitrotoluene.—Defense needs absorbed substantial portion of available supplies.

Diphenyl. — Demand underwent no slackening and the tone of the market was firm.

G. Salt. — Transactions routine. Prices held at the same levels.


AMMONIUM THIOCYANATE
NH4SCN
Properties of Pure Compound:
Molecular Weight 76.11
Melting Point 150°C.
Boiling Point, decomposes about 170°C.
Specific Gravity at 20°/4°C 1.305
State: White, deliquescent crystals.
Solubility: Soluble in water, alcohol and acetone.
Uses: Ammonium thiocyanate undergoes rearrangement when heated under various conditions and yields thiourea and guanidine thiocyanate.
Aqueous solutions of ammonium thiocyanate have a swelling action on cellulosic and animal fibers and have been used to improve the affinity of textile fibers for dyestuffs. NH4SCN has been used extensively in the finishing trade in the application of indigosol and algosol colors by the thiocyanate-chromate steaming method. It has been used as an inhibitor to protect the shades of certain sensitive dyestuffs from the action of copper in dyeing equipment.
It may be used as a raw material for the production of resinous condensation products upon reaction with formaldehyde. Derivatives have been used as accelerators in the production of urea-formaldehyde resins.
The thiocyano group is incorporated in many types of organic compounds to make products having powerful insecticidal properties.
In the metal finishing industry thiocyanates are used in the production of "black nickel" coatings. Its corrosive action on iron is utilized in pickling compositions.
Lubricating compositions have been prepared making use of thiocyanates for their special properties.
The application of ammonium thiocyanate for the destruction of weeds has proven a highly effective and economical measure. It is used also for control of potato wart infestation. Employment of thiocyanate solutions has hastened the reddening of apples. Stimulation of plant growth has resulted from certain treatments.

Can you use

Ammonium Thiocyanate

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at substantially lower cost?

Koppers has placed in operation a large commercial plant for the production of ammonium thiocyanate crystals. Supplies are now available in quantities not obtainable before and at costs which make ammonium thiocyanate practical for purposes for which it has not been used in the past.

Chemists and Manufacturers who have previously investigated the possibilities of Ammonium Thiocyanate should reconsider its use in view of this increased supply and reduced cost.

Koppers Ammonium Thiocyanate can be supplied in crystal form, having minimum purity of 95%.

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Metanitroparatoluidin. — Supplies limited, demand steady and prices without change.

Monochlorobenzene. — Defense and civilian needs continued sufficient to absorb available offerings.

Nitrobenzene.—Shipments moved at a steady pace against contracts.

Orthoanisidin. — Withdrawals sustained at satisfactory levels to give market a firm tone.

Orthochloroanilin. — Business limited to regular consumers for normal needs as a rule.

Orthochlorophenol. — Interest underwent no tapering, and offerings were well taken. Prices firm.

Orthocresol. — Shipments allocated. Prices remained firm at previous levels.

Orthodichlorobenzene. — Purchases held steady against contracts. Prices held firm.

Orthonitroanilin. — Demand sufficient to absorb offerings. Prices firm.

Orthonitrotoluene. — A firm tone characterized the market, while business was restricted.

Parachlorophenol. — Shipments were steady to regular consuming channels. Prices unchanged and tone firm.

Paranisidin. — Dealings steady. No change occurred in the quotations.

Paranitroanilin. — Business steady. Nothing new developed in the prices.

Paranitrophenol. — Demand brisk. Prices maintained at previous levels.

Paranitrptoluene. — Market position tight, and buying steady.

Phthalic Anhydride. — Demand active, and shipments allocated. Prices held unchanged.

R. Salt. — Inquiries routine. No change took place in the prices.

Thiocarbanilide. — Sellers under pressure to take care of all inquiries. Prices unchanged and firm.

Xylidin. — Supplies were limited, and offerings confined to regular consuming channels.

Coaltar Colors

Defense needs continued to account for a good portion of the business in the market for coaltar colors last week. Most branches of the textile industry were calling for substantial quantities of colors in connection with military requirements. The tightness in raw materials also limited supplies of many dyestuffs. However, in most instances sellers were able to take care of regular consumers, with only slight delays. In many cases it was possible to substitute available colors for those that were not available. Prices continued to display firmness.

Resale Market

Business in the resale market for coaltar chemicals followed the same pattern as the previous period, with business quiet and offerings limited. Occasional offerings were mentioned for anilin oil at 50c. to 60c. per pound; technical salicylic acid, 90c. per pound; refined naphthalene, 14c. to 15c. per pound, and imported cresylic acid $1.65 to $1.70 per gallon

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Isco Chemical Marks Twenty-fifth Year

—Continued from page 4

added. In 1918 caustic potash was first produced and today, the factory, operating as the Isco Chemical Division of Innis, Speiden & Co., is one of the largest sources for potash salts.

To the standard line of liquid bleach, bleaching powder, caustic soda and caustic potash in all forms has been added carbonate of potash in calcined, hydrated and liquid forms. For the manufacture of this a special unit was added to this Niagara Falls plant. Isco has developed iron chloride for industrial purposes and 'Isco Ferriclor' (iron chloride) especially for use in water and sewage treatment.

In carrying out research which showed how to apply chlorpicrin, a fumigant, to cereal products and soil fumigation, the company diverted a war chemical to an important peacetime use.

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Reynolds Metals Company is preparing to mine bauxite ore in Saline and Pulaska counties for its alumina plant at Muscle Shoals, Ala.

Washington Talks It Over

—Continued from page 5

wholesale prices and would be supposed to be on the alert lest prices and trade practices be altered in such a way as to interfere with normal retailing operations. Certain trends indicate that the division will concern itself in large part with keeping up the quality of consumer wares placed under price ceilings.

One device for this is to establish standards for ceilinged articles and then require that any substandard goods be labeled to show the variation. There's a bill in congress (H.R. 6507) that would give the President power to fix everything on "basic commodities," from standards of quality to reasonableness of price.

Saccharin Not Sugar

The threatened sugar shortage has resulted in the food industry putting out a few feelers to the Food and Drug Administration regarding the possibilities of using saccharin as a sweetener, but it's no go. FDA says saccharin is all right in certain special dietary foods labeled as such, but not in ordinary products regardless of the labeling.

Some twenty-five years ago FDA's predecessor decided saccharin was toxic and harmful and instituted some criminal action. After juries were "hung" in two cases, it decided it could never prove this contention, but there has been a consistent attitude that saccharin as a sweetener is a substitute for a wholesome and energy-producing food, and that products containing it are debased and adulterated. There has been no pressure from the food trade to break down this contention, and none is expected.

FDA sneers at suggestions that saccharin is in the same class with an added food color or flavor, saying it is only an inferior substitute resulting in lowered quality.

Tariff Still Sectional

World War and good neighbor policy don't affect views on the tariff, which is still a "local question." Hearings this week on the proposed reciprocal trade agreement with Peru followed the usual pattern, with domestic producers opposing any duty reductions, and exporters and shipping interests favoring more trade.

The list of possible concessions to Peru is quite limited, and most of the discussion involved long-staple cotton, tungsten, and refined sugar. The brunt of the tungsten defense was carried by congressmen from Western States, who contended that without the assurance of continued tariff protection domestic miners could hardly be expected to develop our deposits in spite of the heavy war demands for the mineral.

The Why of Sugar Quotas

Sugar-rationing plans are meeting a lot of resistance, and people are looking for a scapegoat. Some publicists claim to have found it in the industrial alcohol industry, alleging that sugar is being diverted to make alcohol because the distillers don't want to pay the higher prices for grain. It is true that some raw sugar as such has been used to make alcohol recently under special arrangements to meet rush orders, and some former OPM officials had a scheme to use large quantities of sugar for alcohol, but there is not much chance that a great deal of sugar will be so used. However, there may be authorization or direction to raise the sugar content of blackstrap molasses imported for alcohol production.

The experts say that the threat of a shortage is in the huge orders for lend-lease sugar to England and Russia, but if we get deliveries of the anticipated crops in this hemisphere, plus part of the Hawaiian production, we can meet all domestic and export demands without too much of a pinch.

Rationing is favored because sugar seems to be the first thing every family wants to hoard, so rationing is necessary as a preventive measure.

Sugar in Medicines

Drug manufacturers using sugar in their manufacturing processes will be forced to depend upon the "spirit of the law" to obtain supplies of sugar, according to A. E. Bowman, chief of the WPB sugar section. Some wholesalers have refused to continue supplying these manufacturers with sugar and no other commodities.

Mr. Bowman explained that no provision has been made for these sugar consumers, and that he was depending upon "voluntary cooperation" on the part of suppliers to make an equitable distribution of sugar supplies.

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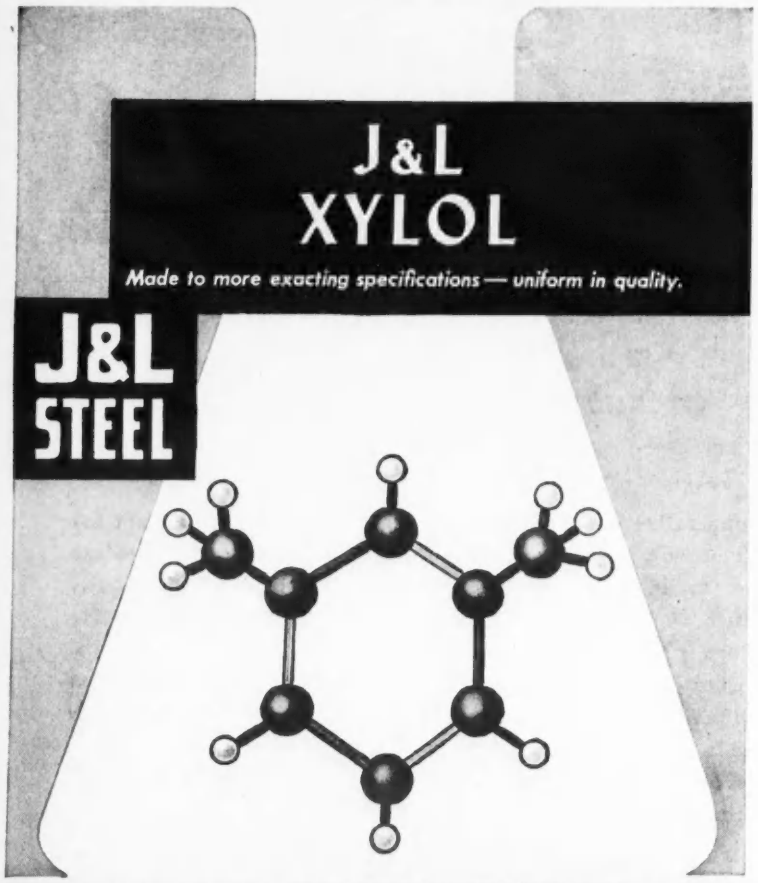
Monsanto Completes Plant For U.S. on Scheduled Time

The Monsanto Chemical Company, St. Louis, announced that it had turned over to the U. S. Army on scheduled time the Chemical Warfare Service's St. Louis Industrial Plant No. 1, located in Monsanto, Ill., for which it was supervising constructing contractor.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XYLOL
Made to more exacting specifications — uniform in quality.
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AMERICAN IRON AND STEEL WORKS · PITTSBURGH, PA.

DRUMS OR BULK
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CARLOAD TO CARGO
THE COASTWISE PETROLEUM COMPANY
Munsey Building Cable Address: "LUBOYLE" BALTIMORE, MD.
Refinery and Deepwater Terminal, Good Hope (New Orleans), La.

Low Temperature Carbonisation, Ltd.
ENGLAND
Largest manufacturers in the World of low temperature tar acids of the highest possible degree of purity and efficiency.
A considerable proportion of the output is already being exported to North and South America for disinfectants, germicidal products and plastics, in addition to the special high efficiency flotation grade for the mining industry.
This is the first time in history that highly refined tar acids of this type have been made available on a large scale, and remarkably good results are being obtained by our many American buyers.
Please send us a note of your requirements with full particulars to our Sales Agents:—
TAR RESIDUALS, LTD.
"Garthlands," Reigate Heath, SURREY, ENGLAND

Paint, Varnish, Lacquer Materials

Prices on White and Blue Lead Advanced—Zinc Oxide February Pool at 20 Percent—Maximum Prices on Mica Anticipated —Domestic Casein Lower—Rosin Firm

Producers of white and blue lead were quoting higher prices last week as a result of general advances late in the previous period. All pigments remained in active call during the period. Zinc oxides were scarce and the February pool requirement was doubled, from 10 to 20 percent.

Prominent mica producers met with officials of the Office of Price Administration February 5 and the result of the conference probably will be a price ceiling or agreement. Dry color manufacturers still were being hampered by lack of raw materials. The price ceiling placed on quicksilver is expected to have little effect on the vermilion price as production of that color will be discontinued after March 31.

Domestic casein prices were lowered, reflecting the general weakness in the market. Rosin and turpentine were quieter in Southern and local markets. Rosin ruled firm, further advances being recorded in some grades. Turpentine weakened.

Metallic Lead and Zinc

Little change was reported in markets for pig lead and slab zinc last week. Demand held to high levels, with sales allocated strictly. The zinc pool requirements were increased 9 percent over January, setting the February figure at 40 percent, based on November, 1941, production.

Lead.—Prevailing spot prices at New York, St. Louis and London for the period from January 31 to February 6, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	St. Louis.	£ s. d.
Saturday	$0.0650	$0.0635	* .. .. ..
Monday	.0650	.0635	.. .. ..
Tuesday	.0650	.0635	.. .. ..
Wednesday	.0650	.0636	.. .. ..
Thursday	.0650	.0635	.. .. ..
Friday	.0650	.0635	.. .. ..

* London exchange closed.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from January 31 to February 6, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0865	$0.0825	* .. .. ..
Monday	.0865	.0825	.. .. ..
Tuesday	.0865	.0825	.. .. ..
Wednesday	.0865	.0825	.. .. ..
Thursday	.0865	.0825	.. .. ..
Friday	.0865	.0825	.. .. ..

* London exchange closed.

Slab Zinc

Consumers' stocks of slab zinc held at plants increased from 57,793 short tons on October 31 to 60,750 on November 30, a rise of 5 percent, according to the Bureau of Mines. In addition to the above stocks held at plants on November 30, stocks in transit and held for redistillation amounted to 14,160 tons, making a total of 75,360 available for consumption on the date, compared with 70,854 on October 31.

During November, 60,805 tons of slab zinc were received, a decline of 10 percent from the October total. Consumption in November amounted to 57,848 tons, a marked drop below the total of 68,068 tons used during October. All classes of users showed a decreased consumption except oxide plants.

Price Changes

Advanced

Lead, blue, basic sulphate, ½c. per lb.
white, dry, basic carbonate, ¾c. per lb.
basic sulphate, ½c. per lb.
Rosin, gum, 4c. to 10c. per 100 lbs.

Reduced

Casein, dom., Argentine, 1c. per lb.
Turpentine, gum, 1c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
140.2	139.3	139.3	128.0

Market news that may have developed after this report was sent to press will be found on page 4.

Pigments

Blue Lead.—Quotations have been advanced ½c. per pound to 7¼c. in car lots and 7¾c. in smaller quantities, both for barrel delivery to the East. For delivery to the West prices are ¼c. per pound higher for car lots and ½c. for less car lots.

Litharge. — Little of new interest. Demand holding well. Offerings fair. Prices firm.

Lithopone. — Pegging of prices had little affect on market. Material very scarce. Demand heavy. Sales allocated.

Orange Mineral.—Consumers showing active interest. Prices firm.

Red Lead.—Demand heavy, with offerings limited by some tightness. Prices steady.

Titanium Pigments. — Market un-

Paint, Varnish, Lacquer Sales: December

The value of paint, varnish, lacquer and fillers sold in December, as reported by 680 establishments to the Bureau of Census, was $41,708,426. Details of sales reported by these establishments and comparative data for 1940 follow:—

	Total sales reported by 680 establishments	Classified sales reported by 580 establishments: Trade sales of paint, varnish, and lacquer	Industrial sales: Total	Industrial sales: Paint and varnish	Industrial sales: Lacquer	Unclassified sales reported by 100 establishments
1941						
December	$41,708,426	$18,660,761	$19,199,927	$13,858,634	$5,341,293	$3,847,738
Total, year	$555,398,819	$276,168,508	$227,400,363	$162,632,021	$64,768,342	$51,829,948
1940						
December	28,308,153	12,520,203	13,434,963	9,141,234	4,293,729	2,352,987
Total, year	$412,515,812	$214,155,268	$159,965,142	$111,718,366	$48,246,776	$38,395,402

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

DCAT Banquet, Hotel Waldorf-Astoria, March 12.

Southern States Federation Associates, Peabody Hotel, Memphis, Tenn., Feb. 26-28.

The uppermost thought in everyone's mind these days is "Protect America". One person's idea of how best to do this may differ from his neighbor's idea, but there is no difference in their objective. "Protect America"

Our part in the program to "Protect America" is to comply with the government regulations by converting a limited supply of raw materials into Synthetic Resins; first for Defense requirements, then for essential civilian use, and finally for a better painted America.

Our raw material suppliers, working on similar production programs, are cooperating with us wholeheartedly.

Present conditions have worked a hardship on some of our customers, but their patient and understanding attitude has been most helpful to us at these critical times and we wish to thank our many good friends for their cooperation.

PARAMET SYNTHETIC RESINS

PARAMET CHEMICAL CORPORATION
MANUFACTURERS OF SYNTHETIC RESINS
44TH AVENUE AND 10TH STREET • LONG ISLAND CITY, N. Y.

★ For the BIGGEST JOB in History—

Calco Dyes Are Better Buys
Calco

The needs of our armed forces must be met fast, in unprecedented quantities—and without fail.

The change-over raises a thousand pressing problems. How to adapt present equipment? What materials are needed most, and quickest? How to meet these pressing needs in the face of a growing scarcity of many essentials?

Because of our long experience with government needs and specifications, Calco is in a particularly favorable position to advise you on all matters relating to color work on Government contracts. With many other problems, too, our long experience with the chemistry of color can prove a practical aid.

Your Calco representative, and our Technical Service Department are at your service to help in overcoming your own particular difficulties.

CALCO CHEMICAL DIVISION
AMERICAN CYANAMID COMPANY
Bound Brook, New Jersey
Boston • Philadelphia • Providence • New York • Charlotte • Chicago

STEARATES
ZINC STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE
Stocks at
• NEW YORK
• CHICAGO
• ST. LOUIS
• PHILADELPHIA
• DALLAS
• LOS ANGELES
• SAN FRANCISCO
• SEATTLE
FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

KRUMBHAAR CHEMICALS INC
DR. WILLIAM KRUMBHAAR
PRESIDENT
South Kearny, N. J.
PHENOLICS and MALEICS
FOR
THE NAVY

GILSONITE
SUPER SELECTS
LOW VISCOSITY TYPE • MP 275°F • EXTREMELY UNIFORM
Also Refined Selects "Tailor-Made" 285-295-305°F
ALLIED ASPHALT & MINERAL CORP.
217 BROADWAY, NEW YORK FACTORY: DUNELLEN, N. J.
Agents and Warehouse Stocks in Principal Centers

changed. Sales allocated strictly. Prices firm.

White Lead.—Prices on dry basic carbonate material advanced ¾c. per pound to 8¼c. for car lots in barrels and 8½c. in smaller lots, delivered to the East. Prices on basic sulphate were advanved ½c. per pound to 7¼c. for car lots and 7½c. in less car lots, delivered to the East. For delivery to the West prices are ¼c. per pound higher for car lots and ½c. for less car lots.

Zinc Oxides. — Market remained very tight. Offerings small, with sales allocated. Quotations unchanged.

Driers

There was little change in materials in this category. Demand held to good levels and offerings in most cases were fair. Palmitates and stearates held buying interest with some shortness in supply hampering free trading. All prices were steady and unrevised.

Fillers and Extenders

Asbestos.—Good call. Market somewhat tighter. Prices unchanged.

Barytes.—Movement large. Offerings normal. Prices steady.

Blanc Fixe.—Offerings limited by low stocks. Prices firm.

Diatomaceous Earth. — All grades moving well at unchanged prices.

Fullers Earth.—Movement broader. Quotations unaltered.

Graphite.—Good call. Market firm.

Gypsum.—Demand normal. Shipments fairly large. Prices firm.

Mica. — Under government consideration. Official action expected.

Talc.—Movement held to high levels. Demand heavy. Prices firm.

Whiting.—Active buying interest reported. Prices firm.

Lacquer Materials

Defense requirements continued to absorb a large portion of available supplies in the market for lacquer materials and solvents last week. Efforts were underway to increase production in a number of basic materials. However, in the interim, sellers were pressed to meet all demands. Civilian needs have been gradually pared down to essential industries, and pro rated accordingly. The cessation in automotive operations was expected to divert some material to other channels. Prices displayed firmness, and held at levels established previously.

Acetone.—Demand heavy, supplies continued tight. Prices firm at ceiling levels.

Butyl Acetate. — Inquiries exceed supplies, with quantities usually allocated. Prices rule firm.

Cellulose Acetate.—Some leveling off in civilian needs. Prices remain the same. December production of sheets, rods and tubes totaled 500,697 pounds, a 10.2 percent decrease from November and compared with 867,234 pounds in December, 1940.

Dibutyl Phthalate.—Defense needs take practically all available supplies. Prices firm.

Nitrocellulose. — Further reduction in non-defense quotas expected. Prices held firm. December output of sheets, rods and tubes totaled 1,484,593 pounds, against 1,483,102 pounds in November and 1,108,657 pounds in December, 1940.

Tricresyl Phosphate. — Supplies limited, and defense requirements absorb greater portion of available offerings. Prices remain firm.

Naval Stores

Southern and local markets for rosin and turpentine were quieter last week, buyers being disposed in some cases to hold off pending further developments at Washington. Although offerings of turpentine in the South were not heavy, they were sufficient, in view of the attitude of buyers, to have a depressing effect, sales being reported at Savannah on Wednesday at 67½c. per gallon, which compared with 70½c. at the close of the previous week, and with 71c. earlier last week. In view of the strength of the statistical position, the decline was regarded by some as merely temporary. Rosin offerings were generally light and the prevailing tone in the South continued firm, further advances being recorded in all grades. The indications still seemed to point to a steady movement of liberal proportions into consuming channels in various fields. In a statement from the Department of Agriculture last week concerning output goals for 1942, the proposed production was put at 450,000 barrels of turpentine and 1,500,000 barrels of rosin, as compared with 285,000 barrels and 950,000 barrels respectively in 1941.

CCC Holdings

The following table shows the quantity of rosin and turpentine held by the CCC under loans to produeers at the close of business January 31, 1942:—

Crop year.	Rosin.	Turpentine casks.
1938—barrels	174,992	.....
drums	.....	.....
1939—barrels	125,450	.....
drums	20	.....
1940—barrels	80,287	.....
drums	233,270	.....
1941—barrels	.....	.....
drums	130,503	.....
Totals	744,522	.....

Turpentine. — Purchasing here was apparently limited to small or moderate lots, the movement being reported as lighter in the aggregate than in the previous week.

Savannah, Feb. 6.—Following is a record of the turpentine market for the week:—

	Gallons Cents.	Sales.	Barrels Receipts.	Shipments.	On hand.
Saturday*	..	...	...	...	...
Monday	71	11,200	7	95	14,532
Tuesday	71	...	18	564	13,986
Wednesday.	67½	3,500	30	363	13,653
Thursday...	68¾	1,050	160	1	13,812
Friday.....	69½	500	...	172	13,640

* No trading.

Chicago—Feb. 6

Turpentine remains in good demand. Ruling prices at the close of business last night were:—Five-drum lots, 84c. per gallon; five wood barrels, 89c.; single drums, 87c.; single barrels, 92c.

Jacksonville, Feb. 4.—Turpentine stock, 5,509 barrels.

London, Feb. 6.—Turpentine, 68s. 6d. per cwt.

Rosin.—Quieter conditions prevailed here, purchases generally being limited to comparatively small quantities for prompt shipment. The price trend was upward in company with the course of primary quotations.

Savannah, Feb. 6.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$4.11	$3.11	$3.12	$3.10	$3.10
D	3.22	3.24	3.26	3.22	3.21
E	3.28	3.30	3.27	3.27	3.27
F	3.24	3.25	3.26	3.27	3.27
G	3.24	3.25	3.26	3.27	3.27
H	3.24	3.25	3.26	3.27	3.27
I	3.24	3.25	3.26	3.27	3.30
K	3.33	3.34	3.34	3.34	3.37
M	3.40	3.41	3.42	3.43	3.43
N	3.50	3.51	3.51	3.51	3.51
WG	4.20	4.20	4.22	4.25	4.25
WW	4.30	4.35	4.40	4.40	4.40
X	4.30	4.35	4.40	4.40	4.40
	Barrels				
Sales	435	343	256	285	249
Receipts.	6,527	975	65	131	160
Shipments	6,510	1,182	...	...	...
Stocks	...	...	...	...	50,621

* No trading.

Chicago—Feb. 6

Rosin market active. Ruling prices at the close of business last night in five-drum lots were:—B grade, $4.41 per 100 pounds net; G grade, $4.55; M grade, $4.71; W.W. grade, $5.65.

Jacksonville, Feb. 4.—Rosin stock, 204,628 barrels.

London, Feb. 6.—Rosin, W.W., 33s. per cwt.

Other Naval Stores

Pine Oil. — Inquiry continued good. Output sold ahead. Spot oil scarce and nominal.

MINERAL PIGMENTS
Meeting Specifications of the Army, Navy, Maritime Commission, Federal Specifications Board, Panama Canal, & other Government Agencies.
For Protective Coatings, Camouflage, and other essential requirements of the Victory Program.
C. K. WILLIAMS & CO. EASTON, PA.

Pitch.—Quotations maintained. Tone firm. Spot stocks light.

Rosin Oil.—Fair demand from local and other consumers. Market firm.

Tar.—Good demand reported. Market continued firm.

Dry Colors

Bone Blacks. — Good movement. Prices steady.

Carbon Blacks. — Buying interest reviving. Prices unchanged.

Chrome Colors.—Market tight. Demand heavy. Quotations unaltered.

Iron Blues. — Good call maintained. Offerings limited. Tone stable.

Iron Oxides.—Steady movement into consumption. Prices firm.

Ochers.—Domestic material in good demand. Market firm.

Siennas.—Demand, offerings, prices at unchanged levels.

Vermilion. — Very tight. Price steady.

Shellac

The market for shellac pursued a quiet, steady, sturdy path during the past week. Consumption ran along in excellent volume and there seemed to be enough shellac around to care for current requirements. Prices continued to display that stability which the agreement between the trade and the Office of Price Administration brought into being.

Glues and Binders

Casein. — Domestic price reduced 1c. per pound. The 20-30 mesh material quoted at 29c. for carlots, 29¼c. for five tons to carlots and 29½c. for smaller quantities. The 80-100 mesh is ½c. higher in each case. Argentine material weaker but unchanged.

Glues. — Very tight. Stocks low.

Synthetic Resins

Demand remained at peak levels, although only a small part of it was being accommodated. Almost total output of most materials was slated for defense industries, and civilian users were forced to seek substitute materials.

Varnish Gums

Suppliers of natural resins continued to ship out some material last week in order to prevent hardships. Offerings were limited, however. Prices remained unchanged.

Resale Market

Pine oil remained in light supply and although inquiries were received no transactions were noted. In a nominal way quotations ranged from around $1.10 per gallon upward.

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Lacquer Sales Up in 1941

Sales of clear lacquers, pigmented lacquer bases and dopes, and thinners by 158 manufacturers, as reported to the Bureau of Census for 1941 and a comparison with 1940 were as follows:—

		1941.	1940.
Clear lacquers	gals.	15,452,423	11,343,308
	value.	$20,859,734	$15,354,328
Pigmented lacquers	gals.	16,944,149	12,912,860
	value.	$38,669,696	$28,842,508
Lacquer bases and dopes	gals.	3,699,517	2,547,021
	value.	$4,093,997	$2,757,340
Lacquer thinners	gals.	28,408,592	21,165,940
	value.	$20,447,307	$14,319,653
Totals	gals.	64,504,681	47,969,129
	value.	$84,070,734	$61,273,829

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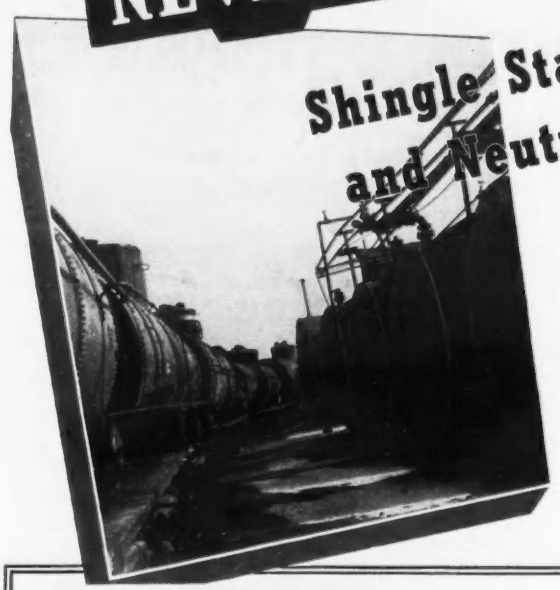
Business Advisory Group Selects R.R. Deupree

—*Continued from page* 5

the War Production Board; Carle C. Conway, of the Continental Can Company, this city, and Mr. Deupree and Mr. Teagle.

Among the new members selected for 1942 were:—John L. Collyer, president of the B. F. Goodrich Company; G. M. Humphrey, president, the M. A. Hanna Company, Cleveland; Harrison Jones, vice-president of the Coca-Cola Company, Atlanta, Ga.; Charles P. McCormick, president of McCormick & Co., Baltimore; and Reuben B. Robertson, executive vice-president of the Champion Paper & Fibre Company, Canton, N. C.

NEVILLE



Shingle Stain Oil and Neutral Oil

CLEAR, clean dark red oils. Non-corrosive and of low volatility.

NEVILLE SHINGLE STAIN OIL is suitable for thinning low cost high-baking japans. It is an excellent vehicle for pigmented shingle stains.

NEVILLE NEUTRAL OIL serves as cut-back solvent for tars, asphalts, and other bitumens. Important as inexpensive vehicle for tar acids, or cut-back solvent for tar acid oils, in manufacture of emulsifying-type coal-tar disinfectants, cattle and sheep dips.

● *Inquiries solicited for drums and tank cars. Send for complete brief leaflet "Neville Coal-Tar Products."*

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PITTSBURGH • PA.

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When you need
PERFUMES
REODORANTS
DEODORANTS

For
INSECTICIDES · CLEANERS
PAINTS
DISINFECTANTS
ADHESIVES·POLISHES·ETC.

If shortages of certain materials have made it difficult to obtain the right odor or perfume for your product, you may find the answer at Givaudan.

We have had long experience in developing new odors, re-odorants and deodorants for special applications, and will be glad to give you experienced assistance in meeting your needs.

Outline your requirements or send us a sample of your product and we will be glad to make recommendations.

GIVAUDAN
DELAWANNA, INC.
Industrial Aromatics Division
330 WEST 42nd STREET, NEW YORK, N. Y.

American Can Names Proctor Cincinnati Sales Office Manager

Charles P. Proctor has been appointed manager of the Cincinnati office of the American Can Company, filling a vacancy caused by the recent death of James A. Owens. For eight years Mr. Proctor has been connected with the Chicago sales office of the company.

RED YELLOW **IRON OXIDES** BROWN BLACK
C. J. OSBORN CO., 132 Nassau Street, New York
Established 1889

PLYMOUTH **PLYMOUTH STEARATES**
ALUMINUM — ZINC — CALCIUM — MAGNESIUM
Established Qualities Manufactured for thirty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
59 Beekman Street, New York City
DISTRIBUTORS: THOMPSON-HAYWARD CHEMICAL CO., KANSAS CITY, MO., AND BRANCHES

STEEL DRUMS
WE BUY
SELL and
Recondition
Acme Steel Drum Company
560 Ferry Street
Newark, N. J.

TAMMS DIATOMACEOUS EARTH
NATURAL AND CALCINED
HOLDS IN SUSPENSION-GOOD FLATTING AGENT
WRITE FOR SAMPLE TODAY!
TAMMS SILICA CO. 228 N. LaSalle St.
CHICAGO, ILLINOIS

ZOPHAR **GILSONITE**
ORE IS BOLD AND CLEAN. ALL SCREENED AT THE MINE.
Melting points 275°, 305°, and 330° F.
Carload Shipments from Provo, Utah
L.C.L. Shipments from Brooklyn Warehouse
ZOPHAR MILLS, Inc.
112-26th STREET EST. 1846 BROOKLYN, N.Y.

Producers and Grinders
of
PUMICE
Ground Pumice Stone
4F, 3F, 2F, F, O, O½, O¾, ½, 1, 1½, 2 and 3
Lightweight Aggregates
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11831 Vose Street STanley 7-2523
NORTH HOLLYWOOD, CALIFORNIA

N.P.V.L.A. Priorities Clinics Arrangements Completed

The National Paint, Varnish and Lacquer Association today announced completion of its schedule for regional paint priorities clinics. Clinics, to be conducted by George H. Priest, jr., priorities consultant for the association, will be held at the following locations:—

Atlanta, February 2, Ansley hotel.
New Orleans, February 4, Roosevelt hotel.
Dallas, February 5, Room 4, Baker hotel.
Los Angeles, February 9, Elks Club, 607 South Park View street.
San Francisco, February 11, Palace hotel.
Seattle, February 16, Olympic hotel.
Minneapolis, February 19, Hotel Nicollet.
Kansas City, February 20, Kansas City Club.
St. Louis, February 23, Coronado hotel.
Cincinnati, February 24, Netherland Plaza hotel.

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Ferro Drier & Chemical Co. New Name of Chase Drier

The Chase Drier & Chemical Company, Bedford, Ohio, wholly owned subsidiary of Ferro Enamel Corporation, has been renamed Ferro Drier & Chemical Company. W. B. Lawson, Inc., Cleveland, continues as sole sales agent. W. B. Lawson, Inc., has the following territorial sales agents:—The Touraine Chemical Company, New York; H. R. Hamburg, St. Louis; Oscar J. Friend, Minneapolis; E. R. Dornoff, Chicago.

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Secondary Aluminum Output Up in First Half of 1941

Secondary aluminum recovered in the first half of 1941 totaled 50,975 short tons of which 26,507 tons was recovered from new scrap, and 24,468 tons came from old scrap, according to a report by the Bureau of Mines. Gross weight of aluminum scrap consumed was 60,235 short tons. Aluminum recovered from secondary sources in the first six months of 1941 included 2,231 tons of pure metal, 336 tons of aluminum in chemical products, and 48,408 tons of aluminum alloys. The aluminum content of recovered alloys was approximately 43,678 short tons, and the total secondary aluminum content of all products was approximately 46,245 tons.

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Dr. F. E. Dolian in Army

Dr. Frank E. Dolian, of Commercial Solvents Corporation, Terre Haute, Indiana, reported recently for active duty as a lieutenant with the U. S. Army. Frank E. Maple has taken over the work formerly handled by Dr. Dolian which consists of technical service and market development activities in connection with the introduction of new chemicals, particularly the Nitroparaffins. Mr. Maple is a graduate of the University of Illinois and has been with Commercial Solvents since 1936 in its production, research and trade relations divisions.

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Tung Grove Co. Restrained From Selling Land Contracts

OPD Washington Bureau
February 4, 1942

The Securities and Exchange Commission reported today that Judge Louie W. Strum of the United States District Court at Ocala, Florida, by consent, entered final judgments enjoining E. R. Bailey, Walter K. Earl, Ocala Ridge Tung Plantations, Inc., E. R. Bailey's Tungland, Inc., and Tung Grove Development Company from selling investment contracts relating to the cultivation of tung trees in violation of the registration provisions of the securities act of 1933.

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Trade Briefs

Charles E. Ramsey has been appointed assistant traffic manager for the Philadelphia Quartz Co., Philadelphia.

Dr. C. F. Rassweiler, who joined the Johns-Manville Corporation, this city, last June as director of research, has been appointed a vice-president.

Hilton-Davis Chemical Company, Cincinnati, has increased its directorate from seven to nine members by the election of R. M. Hastie and C. H. Allen.

Intrastate Commerce Subject to U.S. Control

—*Continued from page* 3

commerce on the basis of its competition with interstate commerce, and that there is a hiatus between the constitutional power of State and nation which precludes any solution of the problem by congressional legislation.

Regarding this, the supreme court, in an opinion by Chief Justice Stone, said:—

We think there is no such hiatus. Congress plainly has power to regulate the price of milk distributed through the medium of interstate commerce, and it possesses every power needed to make that regulation effective. The commerce power is not confined in its exercise to the regulation of commerce among the States. It extends to those activities intrastate which so affect interstate commerce, or the exertion of the power of Congress over it, as to make regulation of them appropriate means to the attainment of a legitimate end, the effective execution of the granted power to regulate interstate commerce.

The power of Congress over interstate commerce is plenary and complete in itself, may be exercised to its utmost extent, and acknowledges no limitations other than are prescribed in the Constitution. It follows that no form of State activity can constitutionally thwart the regulatory power granted by the commerce clause to Congress. Hence the reach of that power extends to those intrastate activities which in a substantial way interfere with or obstruct the exercise of the granted power.

So too the marketing of a local product in competition with that of a like commodity moving interstate may so interfere with interstate commerce or its regulation as to afford a basis for congressional regulation of the intrastate activity. It is the effect upon the interstate commerce or its regulation, regardless of the particular form which the competition may take, which is the test of Federal power.

It is no answer to suggest, as does respondent, that the Federal power to regulate intrastate transactions is limited to those who are engaged also in interstate commerce. The injury, and hence the power, does not depend upon the fortuitous circumstance that the particular person conducting the intrastate activities is, or is not, also engaged in interstate commerce. It is the effect upon interstate commerce or upon the exercise of the power to regulate it, not the source of the injuiry, which is the criterion of congressional power.

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Oil, Fats, and Waxes

Ceiling Prices for Soybean and Peanut Oils and Lard Raised —Refined Cottonseed Oil Futures Stationary — Southern Crude Offerings Light—Tallow Firm—Business Quiet

A firm tone continued to prevail in the market for miscellaneous oils, fats and greases last week. Refined cottonseed oil futures were stationary at ceiling prices and quotations on many other oils and fats were maintained at former levels. There was a lack of offerings of various domestic and imported products and in general quotations were largely nominal. In such circumstances business was quiet throughout the week, the attitude of buyers and sellers generally being a waiting one. The Department of Agriculture in announcing output goals for 1942 stated that all-out production of peanuts and soybeans is needed. The proposed area for peanut cultivation was put at 5,000,000 acres as compared with an area under cultivation last season of 1,964,000 acres. The proposed soybean area was 9,000,000 acres as compared with 5,855,000 acres in 1941. The flaxseed goal for 1942 was put at 4,500,000 acres against 3,367,000 acres last season. New official ceiling prices were announced for lard and peanut and soybean oils.

Vegetable Oils

Castor, Dehydrated.—Output moving steadily on contracts. New business fairly active. Market firm.

Chinawood.—Business curtailed by government priority regulations. Inquiries numerous. Quotations nominal.

Coconut.—Remained nominal in absence of offerings.

Corn.—Quiet conditions continued to prevail, buyers and sellers awaiting developments.

Cottonseed.—Edible oil firm. Fair demand for moderate lots.

Oiticica.—Offerings light, spot and futures. Quotations nominal.

Olive.—Buying interest generally limited to comparatively small lots. Offerings light.

Peanut. — Crude firm. Offerings scarce. Ceiling price raised ¾c.

Perilla. — Quotations stationary. Trade quiet. Stocks small.

Rapeseed.—Quiet and firm. Offerings light. Quotations nominal.

Soybean.—Firm at the recent advance. Offerings limited. Buyers holding off. Ceiling crude price raised ¾c.

There was no trading in soybean oil futures on the New York Produce Exchange from January 31 to February 6, inclusive. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
May	....	....	12.00 bid
July	....	....	12.00 bid

Oilseeds

The revised government goals for production of oils and fats during 1942, which call for sharp increases in the output as compared with 1941, indicate to some that oilseeds are practically certain to remain at high levels during the current season, this applying not only to oilseeds of foreign origin, but to domestic products as well. Imports of oilseeds from the Philippines and other Far Eastern sources normally amount to more than 50 percent of the total importations.

In the case of domestic oilseeds, it is contended that with prices of oils and fats at high levels, and with comparatively high prices in prospect for high-test protein meals, domestic oilseeds will probably average at least as high in price this year as in 1941. Price supporting measures announced in connection with the revised production goals for peanuts, soybeans, and flaxseed will operate to prevent, it is argued, any decline of consequence in prices for these crops throughout 1942 and perhaps well into 1943.

Price Changes

Advanced

Lard, cash, 25c. to 70c. per 100 lbs.
Linseed oil, 2/10c. per lb.

Reduced

Carnauba wax, 1c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
191.4	**190.2**	**180.2**	**118.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Markets at Other Centers

Chicago—Feb. 6

Vegetable oils are moderately active. Refined, edible, 15c. to 15¼c. per pound, drums, car lots; 15½c. to 15¾c., drums, less car lots. Corn, edible oil, 15c. to 15¼c. per pound, drums, car lots; 15½c. to 15¾c., drums, less car lots. Soybean, February-forward, 11⅝c. to 11¾c. per pound.

The market for soybeans on the Chicago Board of Trade was active. Following is a soybean price record, per bushel, for the week:—

	High.	Low.	Closing Feb. 8.	Closing Jan. 31.
May	$1.99¾	$1.94¼	$1.94¼	$2.00¼
July	2.02	1.96¾	1.96¾	2.02¾

San Francisco—Feb. 5

Vegetable oils generally quiet.

Castor, Dehydrated.—Unbodied oil, 18c. per pound, drums, f.o.b. San Francisco. Bodied oil, 19c.; shipment within 90 days and prices subject to freight or duty changes.

Oiticica.—Now sold here on f.o.b. New York basis. Solid oil, 25c. per pound, drums; liquid, 26c., f.o.b. New York.

Soybean, Crude.—Quoted 12¾c. per pound in tankcars.

Cottonseed, Crude.—Quoted at 12½c. per pound, Valley points.

Copra.—Market dead. No offers. Crushers' stocks here running out. Trade is still working towards importation of South Seas copra without success so far.

Linseed Oil

Flaxseed price trend upward. Linseed oil and meal firm.

Minneapolis, Feb. 6.—Following a quite protracted period of fair to heavy receipts the cash flax market is beginning to thin down again.

Demand for the high iodine southern quality, specially that coming from certain parts of Iowa, was competitive and premiums advanced 1c. to 2c., while on the other hand the demand for northern was slow to dull and premiums were off 1c. to 2c.

Interior points report early and more general inquiry for seed flax. Sowing season is not so far ahead and producers in the southern area are quite interested in flax culture. Some new types are being developed by agronomists that promise high quality and high resistance to rust and wilt so farmers are more willing to try their hand at producing flax.

Action of the price control administration on fats and oils naturally will have some effect on sentiment and acreage, however. Reports of seed houses point to liberal sowing this spring.

The week's closing flaxseed price range was as follows:—

	Cash.	May.	July.
Saturday	$2.27⅞	$2.20¾	$2.22¼
Monday	2.27⅞	2.19¾	2.21½
Tuesday	2.30	2.22	2.24
Wednesday	2.35¾	2.27¾	2.29
Thursday	2.36	2.28	2.29⅝
Friday	2.36	2.28	2.29¾

Duluth, Feb. 6.—The week's closing flaxseed price range was as follows:—

	Cash.	May.
Saturday	$2.20¾	$2.21
Monday	2.19¾	2.19¾
Tuesday	2.22	2.22
Wednesday	2.27¾	2.27¾
Thursday	2.28	2.28
Friday	2.28	2.28

Winnipeg, Feb. 6.—The week's closing flaxseed price range was as follows:—

	Cash.	May.	July.
Saturday	$1.62½	$1.64	$1.64
Monday	1.62½	1.64	1.64
Tuesday	1.61¼	1.63	1.63
Wednesday	1.62	1.64	1.63⅞
Thursday	1.60½	1.63	1.63⅝
Friday	1.60½	1.63	1.63¼

Buenos Aires, Feb. 6.—Flaxseed, $1.39⅝ per bushel. Exports this week, 461,000 bushels, including 382,000 to the United States. Total since January 1 as follows:—

To—	Bushels This year.	Last year.
United States	2,071,000	1,563,000
United Kingdom	111,000	279,000
Continent	110,000	4,000
Orders	.....	.....
Others	8,000	129,000
Totals	2,300,000	1,975,000

Visible Supply

	Bushels.
Last week	30,118,000
Previous week	29,921,000
Last year	4,724,000

Hull, Feb. 6.—Flaxseed, La Plata, £18⅜ per long ton; Calcutta, £20 11/16.

Linseed Oil.—Buying interest was stimulated to some extent last week by an upturn in flaxseed in domestic markets and by rumors of an impending announcement of a new ceiling for linseed oil at a higher level. Withdrawals of oil on contracts apparently held up well here for this period of the year, and advices from outside points reported a steady movement of oil to consumers and dealers on shipping orders. The Buenos Aires seed

Current prices on animal, vegetable, and fish oils (under Oil), fats and greases (under Grease) are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

DCAT Banquet, Hotel Waldorf-Astoria, March 12.

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market remained firm. Shipments of flaxseed from Argentina in recent weeks, it is stated, have included only comparatively small lots of new-crop seed, as the government agency desires to dispose of its holdings of old crop before moving out much new seed. Scarcity of ocean tonnage for shipments to this country is said to be increasing. Linseed oil prices were advanced two points here.

Minneapolis, Feb. 6.—Buyers of linseed oil took some quick shipment supplies in tank and cooperage cars to supplement immediate requirements but were not much interested in the future despite the relaxation in inventory control. On the whole the market was quiet and featureless insofar as new business was concerned. Shipping instructions continued good and none of the crushers were able to gain on their backlog.

Quotations on tankcar lots, 10.9c. per pound; cooperage, car lots, 11.8c. per pound; warehouse lots, 12.2c. per pound, f.o.b. Minneapolis.

San Francisco, Feb. 5.—Fair trade in linseed oil. Quoted nominally:—Tankcars, 10.9c. per pound; drum car lots, ex mill, 11.8c. drum lots, ex warehouse, 12.2c.

While 1941 was the largest production year in flaxseed history, prospects for 1942 appear better than ever, although some slight concern is felt at the present time for the San Joaquin Valley crop, where rain has been too heavy lately.

Chicago, Feb. 6.—Linseed oil in rather good demand. Tankcar, 10.8c. per pound; drums, car lots, 11.7c.; drums, less car lots, 12.2c.

London, Feb. 6.—Linseed oil, 41s. 6d. per cwt.

Linseed Meal.—The local market retained a firm tone. New business quieter. Steady contract movement.

Minneapolis, Feb. 6.—Crushers are almost completely sold out on meal up to April 1, and resellers still have control of the situation up to that time. Buyers wanting supplies have to deal with them, and strong prices are being asked.

Quotations on February-March meal, $40 to $41 per ton, carload lots, in bulk, f.o.b. Minneapolis; April-June, $39 to $40 per ton.

Chicago, Feb. 6.—Linseed meal firm. Resellers report much interest from buyers. Round lots, $40 per ton, nominal; car lots, $40 to $41; less car lots, $42 to $43.

Cottonseed Oil

Refined cottonseed oil futures quiet and firm. Crude oil and other cottonseed products firm in Southern markets.

Cottonseed Oil.—Refined oil futures were stationary in the local market last week, all months remaining firm at ceiling prices. A revision in ceiling prices for peanut and soybean oils, as well as cash lard, at a higher level created an impression in some quarters that ceiling prices for cottonseed oil may be revised upward in the near future, but no government action of this kind was taken last week. The speculative account showed a further shrinkage, the open interest in the market on February 4 being only 489 contracts.

Southern markets for crude oil remained firm. Sales in comparatively small volume were reported at 12⅝c., the ceiling price. Offerings in all sections were reported as light. Sales of crude soybean and peanut oils were reported early in the week at former ceiling prices, but offerings were apparently lacking later on. Cash lard was sharply higher in the West following the announcement of a new ceiling. No action was taken last week on revised ceilings for lard futures.

The government announced the purchase of 10,923,016 pounds of lard during the week ended January 31. Stocks of lard in Chicago increased 1,309,650 pounds during January making the total 113,262,751 pounds, or 72,500,000 pounds less than a year ago. Receipts of hogs in the principal Western markets for four days of the week aggregated 280,600 head against 328,500 head in the same time in the previous week and 231,500 head last year. The weight of the hogs received in Chicago during the week ended January 31 averaged 239 pounds, the same as in the previous week.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from January 31 to February 6, inclusive, comprised 211 contracts. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
March	13.95	13.95	13.98 bid
May	13.98	13.98	13.98 bid
July	13.98	13.98	13.98 bid

Crude, Southeast, 12⅝c.

Chicago, Feb. 6.—Call is good for cottonseed oil. Refined, edible oil, 15½c. to 16c. per pound, drums, car lots; 16c. to 16½c., drums, less car lots.

Hull, Feb. 6.—Cottonseed oil, refined, 36s. 6d. per cwt.; crude, Egyptian, 31s. 1½d.

Cake and Meal.—A firm tone was reported in all parts of the South. Inquiry fairly active. Offerings light.

Markets at Other Centers

Memphis—Feb. 5

Scattered sales of crude cottonseed oil at 12⅝c., the ceiling price. Mills apparently now well sold against seed holdings. Meal, 41 percent, $40 per ton, Memphis basis. Bulk cake, $36 per ton, Valley basis. Meal and cake quiet, with offerings light. Mills realize cottonseed meal figures considerably under compet-

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ing protein concentrates. Practically no offerings of peanut oil; 13c. bid. Peanut meal stocks about exhausted; nominally quoted $46 per ton, Southeast, for 45 percent. Bulk cottonseed hulls, $5 to $6.50 per ton, mill points, this section.

Closing cottonseed and soybean meal quotations on Memphis exchange as follows:—

	Jan. 29.	Feb. 5.
March	$40.50@41.00	$39.15@39.50
May	40.85@41.00	39.50@—
July	40.95@—	39.50@—
October	41.00@—	39.75@39.90

Closing soybean meal futures:—

March	$43.00@43.50	$42.25@—
May	42.15@43.00	40.70@41.30
July	42.00@42.50	40.25@40.85
October	41.00@42.00	39.00@40.00

Atlanta—Feb. 5

Cottonseed products quiet. Meal, 8 percent, $43 to $43.50 per ton. Crude oil, 12⅝c.

Fatty Acids

Castor Oil.—Trade quieter. Raw material reported in light supply and firm. Quotations nominal.

Cottonseed Oil.—Fair movement of moderate lots to local and other consumers. Market firm.

Red Oil.—Quotations advanced ½c. by some sellers. Steady contract movement.

Stearic Acid.—Raw material firm. Acid trade fairly active. Quotations raised ½c. by some makers.

Chicago—Feb. 6

Fatty acids continue firm, and subject to good call. Corn oil, double distilled, 15c. to 15¼c. per pound, tankcar; 15½c. to 15¾c., drums, car lots; coconut oil, acidulated, 17½c. to 18c., tankcar, nominal; 18c. to 18½c., drums, car lots; cottonseed oil, double distilled, 13¼c. to 13¾c. per pound, tankcar; 13¾c. to 14¼c., drums, car lots; settled cottonseed soap stock, 60-62 percent basis, 3¾c. to 4c.; boiled down soap stock, 65 percent basis, 4¾c. to 5c.; cottonseed foots, 50 percent basis, 3¾c. to 4c.

Fish Oils

Cod.—Inquiry fairly active. Primary offerings light. Firm here.

Menhaden.—Fair demand for moderate lots of refined oil. Stocks light. Market firm.

Sardine.—Refined oil in fair demand. Crude firm on coast. Local quotations maintained.

Markets at Other Centers

Baltimore—Feb. 5

Business in crude menhaden oil at a standstill owing to uncertainty as to whether the ceiling price should be 63.27 cents per gallon or 66.7 cents. Stocks very small and holders inclined to await developments.

Representatives of the menhaden fishing companies which have their plants along the lower Chesapeake Bay and the manufacturers of fish meal have been called to Washington to attend a conference with officials of the OPA to discuss the ceiling established on these commodities in an effort to harmonize the views as to whether the ceilings are too low.

San Francisco—Feb. 5

Crude California sardine oil firm at the government ceiling. Offerings were light. There has been practically no oil made in the San Francisco Bay district since Pearl Harbor, although Southern California, as well as Monterey, have accounted for a fair gallonage. However, for the week ended January 30, Monterey received no fish, San Francisco none and the whole of southern California accounted for only 5,602 tons. The season officially ends at San Franciso and Monterey on February 15. Crude oil ceiling at

Fats and Greases

Grease.—Firm at advance noted in previous week. Spot stocks apparently light. Demand fair.

Lard.—Cash product fairly active. Government reported the purchase of 10,923,016 pounds during week ended January 31. Hog receipts decreased. Cash lard ceiling raised to .1269½c. per pound in tierces, Chicago basis.

Stearin.—Tone continued firm. Local stocks apparently light or moderate. Fair demand.

Tallow.—Inquiry fairly active. Further sales at recent advance to ceiling prices.

Chicago, Feb. 6.—Firm market conditions persist in most grades of fats and greases. Inquiry has picked up considerably for numerous grades of material, with buyers showing more interest. Choice white grease, 9.55c. per pound. Prime stearin, 10⅛c. to 10¼c. per pound. Inedible tallow, prime, 9.71c. per pound. Following is a lard price record, per 100 pounds for the week:—

	High	Low	Closing Feb. 6	Closing Jan. 31
Cash	$12.30	$10.92	$12.20	$10.92
May	12.65	12.40	12.50	12.47
July	12.82	12.60	12.70	12.70

Animal Oils

Lard.—Firm at recent advance. Fair demand for moderate lots.

Neatsfoot.—Inquiry more active. Raw material firm. Oil stocks light or moderate.

Oleo.—Tone firm. Spot stocks reported light. Trade fairly active.

Tallow.—Prices maintained. Tone firm. Trade quiet.

Chicago, Feb. 6.—Animal oils fairly active. No. 1 lard oil, 14¼c. per pound. Oleo oil, No. 1, 13¼c. per pound. Acidless tallow oil, 13½c. per pound, barrels.

OPM, Contract Field Offices Merged by WPB

—Continued from page 3

Appointed deputy director of the OPM Priorities Division in August, 1940; executive officer of the Purchases Division from March, 1941, to August, 1941, at which time he was named chief of SPAB. Residence is Home Pine Farms, Darien, Conn.

Edwin A. Locke, jr., special assistant to Nelson. Born in Boston, 1910. Was educated at Exeter and Harvard from which he graduated in 1932. Employed by Chase National Bank in Paris, London, and New York. Came to Washington in November, 1940, to serve in Priorities Division.

Sidney J. Weinberg, special assistant to Nelson. Born in New York, 1891. Educated in public schools of Brooklyn and attended night sessions at Columbia and New York Universities. Employed as office boy by Goldman Sachs & Co., becoming a partner in the firm in 1927. Appointed a member of the Business Advisory and Planning Council of the Commerce Department in 1933. Member of Industrial Advisory Board of the NRA. Served as chief of the Bureau of Clearance of Defense Advisory Committees of the OPM, prior to the setting up of the WPB.

Director of Information

Robert W. Horton, Director of Information for the Office for Emergency Management. Born in Burlington, Vt., in 1902. Attended high school in that town; Cushing Academy at Ashburnam, Mass.; Lowell Textile School, at Lowell, Mass. After serving an apprenticeship in a woolen mill, became a reporter on the *Springfield Republican*, Springfield, Mass. Served in the same capacity on the *Boston Traveller*, and was in the Associated Press Bureau in Boston. Came to Washington as correspondent for the New York *World Telegram* and was a radio commentator for Columbia Broadcasting System before entering the government service as Director of Information and Promotion for the United States Maritime Commission. In June, 1940, was loaned to the National Defense Advisory Commission to act as Director of Information. With the setting up of the OEM was appointed Director of Information for that agency.

National War Labor Board

The National War Labor Board has announced the appointment of Ralph T. Seward as administrative associate member, George Kirstein as executive secretary and Lewis M. Gill as assistant executive secretary.

Mr. Seward, who was appointed an associate public member of the board by the President January 26, will be in charge of the mediation work of the board. He was executive secretary of the National Defense Mediation Board from April, 1941, until his appointment as an alternate public member in November.

Before coming to the Mediation Board he was chairman of the Board of Immigration Appeals of the Department of Justice. Earlier, he had served as general counsel of the New York State Labor Relations Board. Born in New York City in 1907, he is a graduate of Cornell and Columbia University Law School.

Mr. Kirstein came to Washington in May, 1941, as a principal mediation officer of the National Defense Mediation Board and acted as its executive secretary during the last three months of its existence.

Born in Rochester, New York, 1909, he attended schools in Boston and Sheffield, Mass., and graduated from Harvard in 1932. For two years prior to coming to Washington, he was vice-president and store manager of Bloomingdale Brothers, Inc., New York.

Mr. Gill was born in Grand Rapids, Mich., in 1912, attended public schools in Ann Arbor, Mich., and graduated from Swarthmore College in 1933. After receiving his law degree from the University of Pennsylvania in 1936, he spent a year on the legal staff of the Securities and Exchange Commission, and four years on the legal staff of the National Labor Relations Board.

Before coming to the National Defense Mediation Board as a principal mediation officer in June, 1941, he was a supervisor in the briefing section of the NLRB legal division.

The National War Labor Board has appointed Robert B. Armstrong of the Industrial Research Department, University of Pennsylvania, Director of Statistical Information. Mr. Armstrong will be charged with the duty, under the direction of Dr. George W. Taylor, board vice-chairman, of assemblying and correlating such statistical data as may be pertinent to the cases before the Board.

Mr. Armstrong was born in Montgomery, in 1914, graduated from the University of Pennsylvania in 1936 and received his A.M. degree from the same institution three years later. In addition to his post at the University of Pennsylvania he has served as a consultant to the Bureau of the Census and as an instructor of economics at Gettysburg College.

—V—

Waxes

Bees.—Active. Very firm. No surplus supply of any grade.

Candelilla.—Situation remains in status quo. Strong in Mexico. Free from weakness here.

Carnauba.—Market quiet. Arrivals of wax bought at cheaper prices encourages spot competition. Values generally off about 1c. per pound. Brazilian shippers holding shipment prices firm while awaiting recurrence of demand.

Japan.—Firm and not too well stocked in most quarters.

Fats, Oils Price Ceilings Raised

—Continued from page 7

No change is made in the lard or cottonseed oil futures ceiling prices now prevailing as set in amendment No. 1 to the fats and oil schedule. These prices were the closing bids of October 1, 1941. However, a provision has been inserted in the new amendment, stating that the maximum price ceiling for lard futures contract months after September, 1942, shall not exceed the September, 1942, futures top set by OPA.

In recent years, lard futures have sold at substantial premiums over the cash article, representing carrying charges such as storage, interest, and insurance, as well as the transition, at some periods of the year, between old and new cash lard. Amplifying on the original schedule and amendments on methods of arriving at maximum prices for other fats and oils, OPA outlined the procedure as follows:—

(1) Maximum October 1, 1941, price on the seller's own books.

(2) Or, the maximum price shall be the highest at which the seller sold the same kind of fat or oil of a different grade of quality on October 1, 1941, making the necessary adjustments for differences in grade, quality, amount or type of purchaser in accordance with the seller's practice for determining price differentials existing on October 1, 1941.

(3) Or, is still undetermined, the maximum figure shall be the price at which such kind of fat or oil of the same grade and quality was sold in the locality of the sellers's shipping point on October 1, 1941.

(4) Or, if still undetermined the maximum price shall be that in the nearest market in which a sale of the fat or oil was made, with adjustments for customary differentials between the price in that market and the price in the locality of the seller's shipping point.

(5) Finally, if the maximum price determined under the above four contingencies is less than 111 percent of the price at which the same kind of fat and oil was sold by the seller on November 26, 1941, then the maximum shall be 111 percent of such November 26 price.

Another provision in the new amendment states that increases in the ocean freight rates war risk and insurance on fats and oils shipped into or out of the United States may be added to the maximums only if actually incurred by the seller. Decreases shall be subtracted from the maximum prices, OPA declared.

Sales of fats and oils products in the finished form, sales of refined fats and oils through wholesale and retail channels and sales of lard destined for human consumption without further processing are exempt from the operation of this schedule. Coconut oil, however, is excepted from this exemption. Prices on all crude and refined coconut oil are frozen at all levels in the distributive channels, in the same five-way choice as in fats and oils, as well as at the wholesale and retail points.

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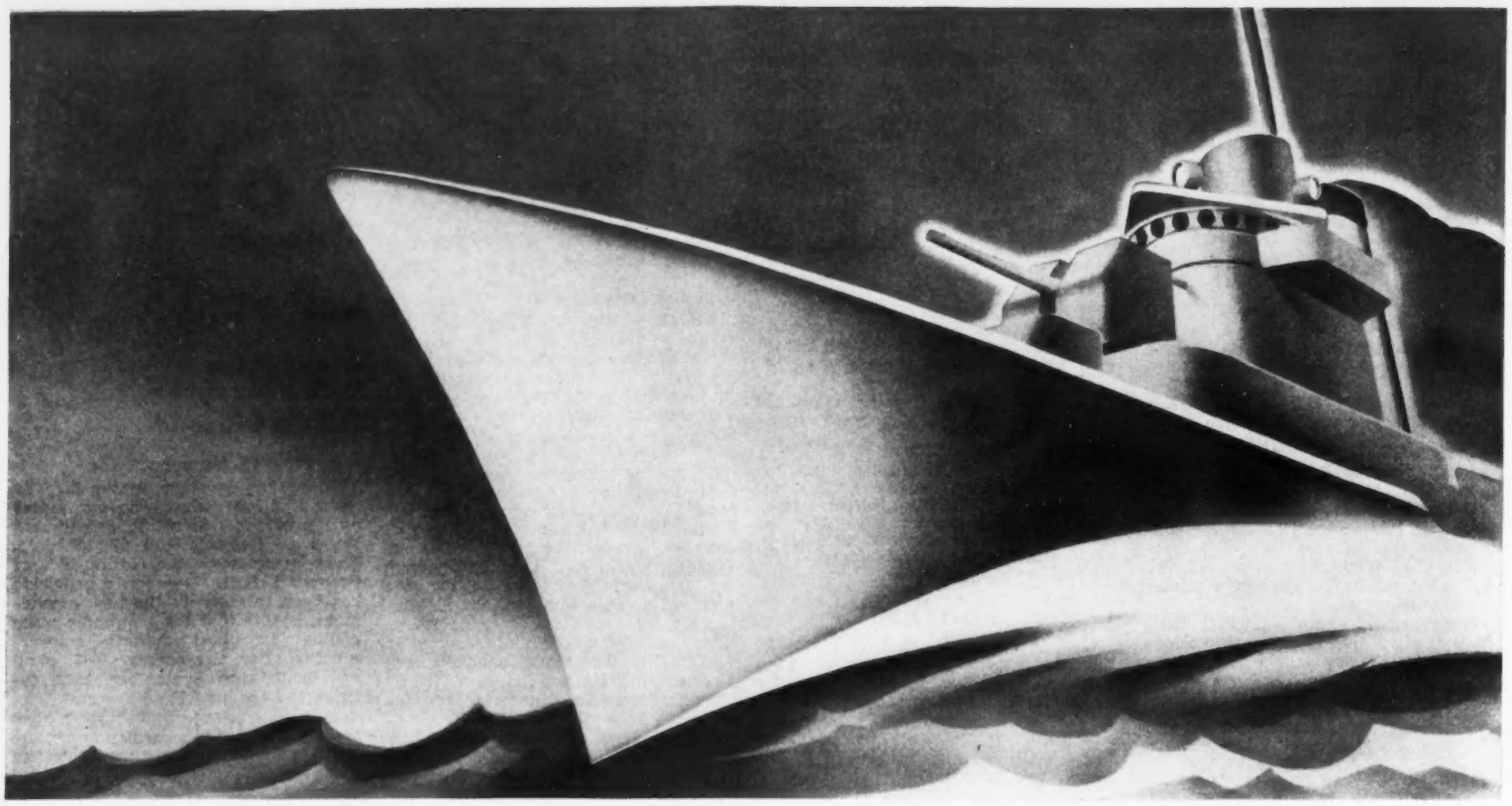

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Cutting through ocean swells, a guardian of the sea sweeps full speed ahead to protect America's interests. . . .

So, too, at the J. T. Baker Chemical Co., "all stations are manned" and production of fine chemicals moves full speed ahead to aid America in its National Emergency and to help protect America's health.

Baker moves not only with speed, but with accustomed *accuracy*. Purity by the ton in Fine Chemicals, established through Baker men and methods, is still being rigidly maintained. These high Baker standards aid National Defense. And these Baker standards also help pharmaceutical manufacturers maintain quality, and protect their precious trademarks.

Baker, in its two-fold job, is endeavoring to meet both normal and extraordinary demands; to serve both our own loyal customers and Uncle Sam.

Under today's national emergency, old customers may not always be able to get what they want when they want it. Uncle Sam gets the right of way, and rightfully so. But we are doing our utmost with all stations manned. We are going full speed ahead.

J. T. Baker Chemical Co., Executive Offices and Plant: Phillipsburg, N. J. Branch Offices: New York, Philadelphia and Chicago.

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CHEMICALS

ANALYZED REAGENTS Baker's FINE CHEMICALS

THIS YEAR OF ALL YEARS . . . Have you made arrangements to attend the 17th Annual Drug and Chemical Trade Banquet on March 12, 1942, at the Waldorf-Astoria? The Banquet this year will represent the largest gathering of executives in the drug, chemical and allied trades ever to meet at one place. In short,—"*everybody will be there.*"

We suggest that you make your arrangements at the earliest possible moment with John C. Ostrom, Sec'y, N. Y. Board of Trade, 41 Park Row, N. Y., CO 7-1413

Drugs, Fine Chemicals

OPA Sets Mercury Price Ceiling on F.O.B. Shipment Point Basis —Menthol Down Sharply—Alcohol Order to Whisky Plants Modified—Molasses for Rum Makers

Establishment of a price ceiling on quicksilver was easily the outstanding development of the past week in the drug and fine chemical market. Considered by many a development long over due, it was welcomed by those to whom it is a raw material of prime importance and who for weeks had indicated that quicksilver should either be lower or the group of its derivatives higher.

The ceiling was set up on an f.o.b. shipping point basis and divided country-wide production into two geographical areas, each with its own price. Full details appear elsewhere in this issue.

The recent molasses regulation of the War Production Board was relaxed sufficiently to permit makers of rum in Puerto Rico and the Virgin Islands to produce rum up to 90 percent of 1941 output. The same board modified its instruction to whisky makers to the extent of permitting them temporarily to stop alcohol production when storage capacity was full. Continuous distribution is likely to supplant storage of this badly needed alcohol.

Menthol turned easier and lower. Demand has been poor for a number of weeks and some uneasiness, or possibly desire for cash, led to a fairly substantial reduction in spot asking prices.

Acetanilide. — Firm. Active. Not plentiful. Needs growing.

Acetophenetidin.—Seasonal demand active. Tends to expand.

Acid, Boric.—Present schedule frozen at least to March 24. Consuming requirements reach tall totals.

Acid, Citric.—Stabilized. Subject to sturdy control by producers. Sugar situation raises some problems.

Acid, Gallic.—Not too much available. Strong market.

Acid, Nicotinic. — Demand heavy. Likely to expand constantly.

Acid Pyrogallic. — Demand heavy. Reserves not too ample.

Acid Tannic.—Raw material situation keeps crisis in supply from abating. Strong market.

Acid, Tartaric. — Current demand heavy. Current reserves low. Production costs high.

Aconitine.—Producers make enough to supply needs by exercising care on sales.

Adeps Lanae. — Position no less strong than recently noted. Demand active. Sellers reserved.

Price Changes

Advanced

None

Reduced

Menthol, 75c. per lb.
Quicksilver, $7 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
238.1	**240.7**	**241.3**	**206.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Agar.—High price maintained. Declared justified by what sellers paid to get spot goods. Good quality domestic item would find ready market.

Alcohol.—Order M-69 of WPB requiring distilleries to produce all alcohol possible and forbidding other use of their plants was suspended until February 8 in cases where storage facilities had been filled to capacity. Distilleries lack large storage facilities. Continuous distribution being arranged to obviate need to store output.

Alpha Tocopherol.—Demand active. Pressing production steadily. Very steady prices.

Aloin. — Little surplus. Producers take strong view on spot and future market.

Aminopyrene.—Excellent consumption. Reserves conservative.

Ammonia Benzoate. — Stocks conservative. U.S.P. in fine request. Sellers show reserve.

Argols. — Strong in few primary markets still shipping here.

Amyl Acetate. — Demand pressed supply closely. Strong undertone.

Ammonia Salicylate.—Output curtailed some by raw material position.

Antipyrene.—Producers look for increasing consumption as war participation expands.

Bismuth Metal and Salts. Complete price stability maintained on metal. Demand for salts active and fully up to normal levels.

Butyl Alcohol.—War requirements press production hard. Strong, active consumption at strong prices.

Cadmium. — Heavy demand continues. Likely to be heavier in war requirements, force needs to higher levels.

Caffeine. — Brazil reported offering caffeine to American fine chemical manufacturers. Quantities not large. Each jag about 100 pounds. Any quantity offered highly welcome.

Calcium Mandalate. — Dense and fluffy material in strong, active position. Stocks not too plentiful.

Chloral Hydrate

Crimps and shanghaied sailors in water-front dives at Singapore, Limehouse and Shanghai knew it well. So, also, did the thugs and "toughies" in the halcyon days of the New York Bowery. To them, it was "knock-out drops," just as it was the "Mickey Finn" of the prohibition gangster days.

Chloral, or, by its high-hat name, trichloroacetic aldehyde, is a "depressor of the centers of consciousness" — sleep-maker to you. It is made by the chlorination of alcohol and subsequent distillation. Chlorine and alcohol are almost synonyms for the word "war," so vital are both to production of war materiel.

War raises consumption of chloral, and war tends to curtail its production. Small wonder the present scarcity parallels that in World War No. 1, when 31c. per pound in August, 1914, became $1.50 when the United States went in. The peak price was $2 in April, 1918.

World War No. 2 began in September, 1939, with chloral at 80c. It has reached 90c. with some producers and 92c. with others.

The fact that most offers do not exceed 100-pound lots is clear evidence of the scarcity that has made the 1,000-pound obsolete in numerous directions.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

DCAT Banquet, Hotel Waldorf-Astoria, March 12.

National Wholesale Druggists Ass'n, Palmer House, Chicago, April 15-17.

American Drug Manufacturers Ass'n, White Sulphur Springs, May 4-7.

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GLYCERYL MONO STEARATE
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Other Esters to Meet Individual Requirements

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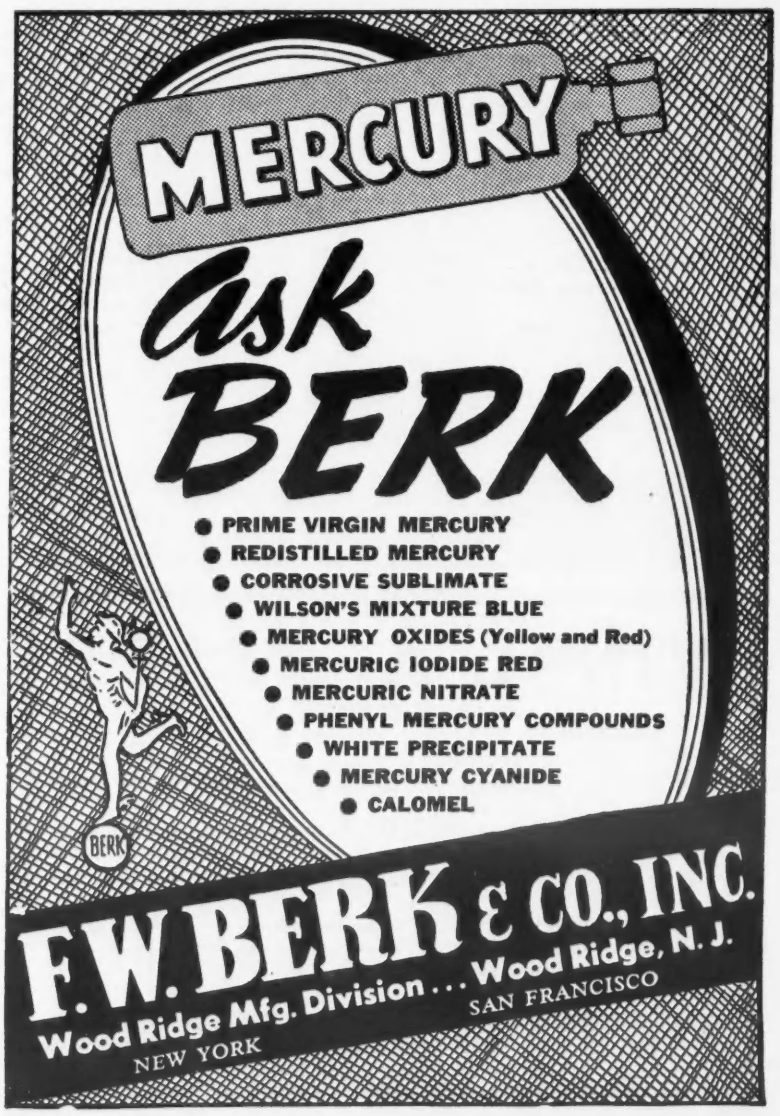

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TEASEED OIL
SESAME SEED OIL
Specialists in Finest California Edible Olive Oil

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POTASSIUM CITRATE U.S.P.
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2. Non-Volatility
3. High Viscosity
4. Chemical Stability
about ARLEX*
From the Chemical Viewpoint
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2. Neutral reaction
3. Virtual absence of reducing substances
4. Stability to light and air
5. Does not decompose to acrolein
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Industrial Chemicals Dept. Wilmington, Delaware

VINYL ACETATE
(STABILIZED)
Boiling Range:— 71.8° C. to 73° C.
Containers:— Non-returnable 55-gal. drums, 410 lbs. net weight.
Uses:— Preparation of poly-vinyl acetate, alcohol, and acetal resins.
Preparation of sulfa-type pharmaceuticals.
The vinyl group is very reactive in all halogen and halogen acid reactions, and addition reactions with other unsaturated or polymerizable materials as ethylene, amylene, coumarone, and turpentine.
NIACET CHEMICALS CORPORATION 4703 PINE AVE., NIAGARA FALLS, NEW YORK

Camphor.—War projects bring rising need for technical item. Cuts output of U.S.P. material considerably.

Castor Oil.—Few beans left in Brazil. Last crop practically sold out. Oil position strong on spot. Demand in high gear.

Chicago, Feb. 4.—Active, firm market in castor oil. Inquiry expands. Prices are:—Cold pressed, U.S.P., returnable drums, car lots, 13¼c. per pound; drums, less than car lots, 14c.; tanks, 12½c.; No. 3, extracted, returnable drums, car lots, 13c.; drums, less than car lots, 13¾c.; tanks, 12¼c.

Chloral Hydrate.—Scarce. Some suppliers offer not more than 100-pound lots. Recent advance in some quarters still not followed. Need rises as troops expand war fronts.

Chrysarobin.—No pressing shortage as yet. Future depends on transport of sufficient raw material from source.

Cocaine.—Program seems to assure armed forces from shortage as war needs rise.

Codeine.—Output proving sufficient to meet needs arising from war. However, no general surplus noted. Seasonal need active.

Codliver Oil.—Winter consumption running to excellent totals. Price range on spot very wide. Iceland expected to expand output.

Creosote.—Short supply not being relieved. Strong market in all respects.

Fish Liver Oils.—Firm to strong. Prices uncertain due to lack of normal production and generally strong situation.

Furfural.—Consumption up as users of other materials are forced to replace scarce items. Producers report no price change.

Glycerin.—No change in strong, active, but entirely stable spot market. War boosts consumption. Need exists for every pound produced.

Chicago, Feb. 4.—Glycerin makers control sales tightly. Ruling prices for both chemically pure and high gravity are:—Tankcar, 18c. per pound; drums, car lots, 18¼c.; drums, less than car lots, 18¾c.

Menthol.—Lower at $13 to $13.50 per pound as to seller. Not much current demand. Any real swelling of call would shoot prices sharply higher. Stock small.

Mercurials.—Strong. Raw material price ceiled at last. Active.

Methanol.—Volume high. War and other needs absorbing output promptly and fully.

Methyl Acetone.—Needs grow as industry expands under drive of war requirements. Market for entire output remains hungry for additional supplies.

Molasses.—War Production Board order M-54 permits rum makers in Puerto Rico and Virgin Islands to make rum for balance of 1942 at rate of 90 percent of 1941 operations. Suspends former order prohibiting use of molasses to make rum, thus conserving sugar.

Quicksilver.—Office of Price Administration ceils prices. Price put on f.o.b. point of shipment basis. Is $191 per flask for California, Oregon, Washington, Idaho, Utah, Nevada and Arizona metal. Texas and Arkansas metal, $193. Coast price is about $7 lower than recent market there. Full details elsewhere, this issue. Miscellaneous Minerals Branch, War Production Board, asks manufacturers and contractors filling defense orders to obtain their mercury from usual trade channels. Tendency to raid government stock pile had grown. Is to be used only when metal cannot be obtained elsewhere. Department of Commerce Foreign Trade Flashes reports monopoly of Spanish-Italian mines ended by United States, Mexican, British Columbia, Peru, and China production. Mexican metal available to Great Britain. Loss of Spanish metal not to endanger British needs. Californian 1941 production reported as 23,500 flasks valued at $4,233,000, by California Division of Mines.

Quinine.—South or Central America reported offering quinine for shipment to spot. Strong market here. Japs attack island of Sumatra, center of Dutch cinchona and quinine industry. Scorched earth program of Dutch would involve total destruction of cinchona planting if Japs capture the island. Would raise post-war quinine problem.

Resorcinol.—Producers do fine job holding critical market to strong, well stabilized price position.

Riboflavin.—Nation's needs likely to expand steadily. Increased production may be required.

Saccharin.—Rationing of sugar may increase civilian interest in this sweetener. Stock in retail channels will not be too ample.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 250 ounces; quantities of 500 ounces at ¼c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	26⅞	35⅛	23½
Monday	26⅞	35⅛	23½
Tuesday	26⅞	35⅛	23½
Wednesday	26⅞	35⅛	23½
Thursday	26⅞	35⅛	23½
Friday	26⅞	35⅛	23½

Resale Markets

Resale drugs and fine chemicals remained fluid and somewhat disturbed by the growing fear that the Federal government program may ultimately take from resellers a remunerative export market for many materials that exporters no longer can get from manufacturers. A ray of light in what otherwise might have been a dark picture was found in the indications that resellers will not be compelled to sell for export at domestic ceiling prices. However, it may be assumed that Federal authority will pare down exporters profits substantially. There is some reason to believe that control of exports may be based on the desire to prevent growing shortages in supplies available for domestic consumption.

Quotations obtained last week included:—Acetylsalicylic acid, $1.05 to $1.35 per pound; aminopyrene, $5.85; antipyrene, $2.90; saccharin, $3; acetophenetidin, $1.85; santonin, $2.30 per kilo; soda benzoate, 92c. per pound; codliver oil, U.S.P., $72 per 30-gallon drum; theobromine, $17 per pound; caffeine, $11.50; and salicylic acid, U.S.P., 90c.

F.W.D.A. Discusses Problems of Supply

—Continued from page 7

Earl S. Means, vice-president of the Bristol-Myers Company, who particularly condemned the bargain-dealing at wholesale and retail which is overselling rubber goods in the face of diminishing supplies. He strongly urged conservative selling and declared that a sales manager's important job today is to see how much he can curtail his shipments, rather than how much he can increase them.

Tin Reclamation

Manufacturers of collapsible tin tubes and manufacturers of preparations sold in these containers, especially dentifrices and shaving creams, have organized a non-profit corporation for the salvaging of emptied tubes and the reclamation and reuse of the metal therein. This project was described by Lee Bristol, vice-president of the Bristol-Myers Company. Arrangements are being made to collect used tubes through the drug stores of the country. Signs for the stores are being prepared and the idea will be promoted widely by radio.

This project has been approved as supplemental to the general Federal salvage campaign. The reclaimed metal will be used to make tubes—unless the government needs it. All profits will be given to a national charity approved by WPB.

Malcolm Hart, sales manager for the Pepsodent Company, joined Mr. Bristol in presenting information on the progress of a process which greatly reduces and may eliminate the use of tin in collapsible tubes for many uses. A new alloy is being used, together with a newly developed coating for the interior.

The glass container situation is not disturbing, said C. J. Kiger, manager of the prescription ware department of the Owens-Illinois Glass Company. No shortage of raw materials is imminent, he said.

The position of the rubber goods industry was outlined by Ernest I. Kilcup, president and treasurer of the Davol Rubber Company. He urged conservative sales practices in respect

The Vitamin B_1 Potency of Fleischmann's

Bee-Flex

Has been increased so that two grams—
4 convenient tablets—will supply in excess of

333 I.U. OF VITAMIN B_1

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In addition to this new higher potency of thiamine, Fleischmann's Bee-Flex will also provide 1,000 micrograms of riboflavin. And it is well to note that while there are shortages of other sources of riboflavin, Bee-Flex is immediately available.

Bee-Flex will also bring to your product the added advantages of all the other known and unknown members of the Vitamin B Complex naturally found in yeast. No synthetic Vitamin B_1 or riboflavin is added to the finished product or used in its manufacture.

Why not find out now how you can use Fleischmann's Bee-Flex to your best advantage?

Vitamin Potencies Per Gram of BEE-FLEX Type 321 as Determined by the Fleischmann Laboratories

THIAMINE (B_1) 170 I.U.
RIBOFLAVIN (G) 500 MICROGRAMS
Pyridoxine (B_6) 85 micrograms
Pantothenic Acid 250 micrograms
Niacin (nicotinic acid) 500 micrograms
All other members of the Vitamin B Complex *natural to yeast.*

HOW CAN WE HELP YOU?

The Fleischmann Laboratories have had years of experience studying the Vitamin B Complex and its components. We invite any food or drug manufacturer to make use of our experience and technical knowledge—to consult with us on any of his problems concerning the use of the B Complex or its factors in his products.

THESE VITAMIN PRODUCTS MAY HELP YOU
Fleischmann's Pure Dry Brewers' Yeast — Fleischmann's Irradiated Dry Yeast — Standard Brands Viosterol — Brewers' Yeast Extracts — Irradiated Ergosterol, Steenbock Process—Fleischmann's Ergosterol (unirradiated) and Bee-Flex 321.

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of rubber sundries, pointing out the problem of maintaining production of surgical goods and others of special application in which reclaimed rubber cannot be used. He gave an outline of the extent to which various lines will be shortened—some of them eliminated for a time—and he urged that dealers do not expose rubber goods to sunlight or other deteriorating influences and that they instruct the public in the care of these articles.

Drugs and Chemicals

The situation with respect to pharmaceutical chemicals was outlined by Herman Dietel, of Merck & Co. Endeavors have been in progress in the industry and with the assistance of the government for many months to build stockpiles of essential pharmaceuticals. The extent to which this

Ray Schlotterer
F.W.D.A. Secretary

has been carried in certain articles was intimated by Mr. Dietel.

Several special instances of expansion of production facilities were mentioned by the speaker, and it was emphasized that the industry is doing everything possible to assure a continuing, adequate supply of necessary chemical articles of the materia medica. The need for allocating supplies exists with respect to some materials. The industry is trying to prevent hoarding, diversion, and speculation in order that prices may be kept down.

Botanical drugs, being largely of foreign origin, have presented some big problems, said Fred Rauch, of S. B. Penick & Co. He enumerated a number of drugs which have been shortened in supply by interferences with trade with Europe and the Near and Far Easts. Some information on available supplies of these drugs was given, and the efforts of importers to anticipate difficulties were told.

Much attention is being given to the development of domestic cultivation of the more important botanicals, Mr. Rauch said. He cited various instances of progressively satisfactory results in such undertakings.

V. H. Fischer, of the Dodge & Olcott Company, and president of the Essential Oils Association, told of conditions obtaining in medicinal and aromatic oils. The malevolent effects of the war in the Far East were stressed in explanation of shortages of many oils from those regions. These are more in the category of aromatics than in that of drugs, at least in respect of the volume involved.

The search for new sources in Central and South Americas was discussed by Mr. Fischer. The measure of success in this has been encouraging, and more relief is expected. The speaker also told of the negotiations of the oils trade and the U.S.P. revision committee to compile specifications which will admit oils from new sources and differing somewhat in composition and physical characteristics from those on which existing standards were based.

Problems presented by the need for alcohol in the production of munitions were reviewed by L. A. Keane, vice-president of the U.S. Industrial Alcohol Company. The enormous quantities of alcohol now demanded for war needs are very impressive in comparison with the volume of consumption in the drug industry; but maintenance of the supply for the latter is of no less importance in order that the health of the public be protected.

Mr. Keane explained the official program for getting industrial alcohol from distillers of liquors, pointing out the difficulties of handling additional output and of converting lower-proof spirits to the alcoholic strength required for industrial uses. He gave a series of figures on estimated production and consumption, and it was his feeling that supply and demand would be quite evenly balanced in the current year if the expected production was got from industrial alcohol plants (distillation and synthetic) and from liquor distillers.

H. B. Crow, of Bauer & Black gave the wholesalers an idea of what was to be expected with reference to supplies of surgical dressings and related articles. Various lines of consumer's goods were discussed.

Labor Relations

The necessity and the wisdom of cultivating understanding of the problems of employees, individually and en masse, were emphasized by Ellis C. Baum, vice-president of the Continental Baking Company, in an address at the convention dinner February 3. Mr. Baum presented a homely, common-sense philosophy of employee relations, illustrating his several points with incidents and anecdotes. He urged the development of fairness, faith, and confidence on both sides—and their extension to relations with the consumer.

Lawrence A. Appleby, vice-president of the Vick Chemical Company, was strongly critical of the drug industry for what he called its "high-handed attitude toward unions". He expected and advised the employment of experienced men who have been retired on account of age and he urged a lessening of prejudices against the employment of women.

Hugh P. Bierne, of the National Association of Retail Druggists, spoke in advocacy of a shorter workweek for drug stores. David A. Wier, of the National Association of Credit Men, urged that the principles of sound credit be maintained under wartime conditions, in public, as well as private, financing.

Equitable allocating of supplies of scarce goods was urged by H. M. Bradbury in his address as president of the association. Conditions obtaining today require that wholesalers fundamentally revise their methods of dealing with retailers, he said.

Education of retailers to expect and accept smaller varieties of brands and sizes was advocated by Ray Schlotterer, secretary of the association. He also opined that it would be well to have retailers order goods from the wholesaler less frequently and more voluminously with the view of conserving tires on delivery trucks.

The inevitable reduction of volume offers because of inadequate supplies would, it was expected, curtail wholesalers' incomes through the loss of volume discounts. Whether this problem bears on bigger discounts or on higher selling prices is a question which a special committee will study.

Mr. Bradbury presided at the sessions of the wholesaler members. The chairman of the associate members, John V. Powers, of E. Fougera & Co., presided at the joint sessions.

- - - —V- - -

N.J. Fair Trade Act Legality Is Upheld

The New Jersey Court of Errors and Appeals recently sustained the legality of the 1937 fair trade act allowing manufacturers and wholesalers to place minimum resale prices on their products through contracts with their customers. The court affirmed the Chancery Court in restraining Harry and Max Weissbard of Newark, pharmacists, trading as Weissbard Brothers, from violating the fair trade act by selling products of Burroughs, Wellcome & Co., drug manufacturers, at prices below those fixed by the concern in fair trade contracts with New Jersey druggists.

- - - —V- - -

Harold A. Weissman, vice-president of R. L. Watkins Company, manufacturers of Dr. Lyons tooth powder, resigned February 1.

VITAMIN PRODUCTS

FISH LIVER OILS

THE ATLANTIC COAST FISHERIES COMPANY

111 JOHN STREET, NEW YORK, N. Y.

NATIONAL BRAND MILK SUGAR

QUALITY STANDARD THE WORLD OVER SINCE 1883

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NATIONAL MILK SUGAR COMPANY

Division of The Borden Company

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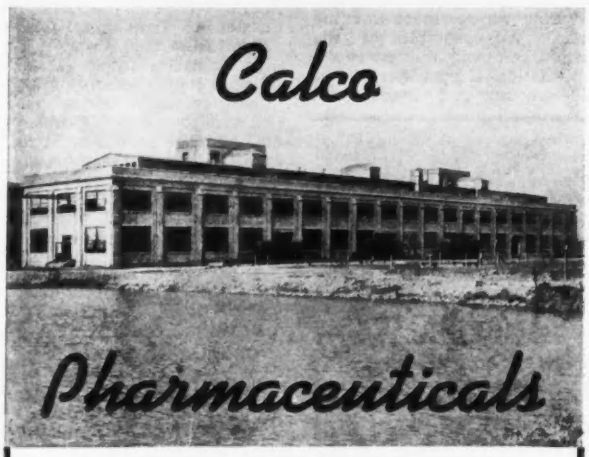

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SULFAPYRIDINE N.N.R. (and Sodium Monohydrate)
Nicotinic Acid U.S.P.
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Glutamic Acid HCL

Calcium and Sodium Pantothenate
2-Methyl-1, 4 Naphthoquinone

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(For Veterinarian Use)
Certified Colors for Pharmaceutical and Cosmetic Use

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Basic materials

for Drugs and Cosmetics

■ One of the many essential services to the drug and cosmetic industries rendered by the House of McKesson for more than a century is the importing and distributing of basic drug materials from all parts of the world. Improved, perfected and extended, this important service to the industry is now used by scores of manufacturers to help produce drug and cosmetic preparations which satisfy the exacting needs of millions of consumers. Inquiries welcomed.

Agents and Distributors for:

Solvay Sales Corporation—*Alkali-Chlorine, Paradichlorobenzene*
E. I. Du Pont de Nemours, Inc.—*Camphor, USP, XI*
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Zinsser & Co.—*Gallic Acid, Tannic Acid*
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GLYCOSINE
(Saccharine Adjunct)

●

LYSIDINE BITARTRATE

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PHENETSAL N.N.R.

●

Don't miss the 17th Annual Drug and Chemical Trade Banquet on March 12, 1942, at the Waldorf-Astoria.

R·W·GREEFF & CO.
10 ROCKEFELLER PLAZA,
NEW YORK CITY

VEGETABLE LECITHIN
Deliveries from Spot Stocks
JUNGMANN & CO.
Incorporated
74 Trinity Place, New York
Telephone HAnover 2-0550

Mercury Price Ceiling Set

—Continued from page 3

fixed for mercury which is produced outside continental United States and Mexico, and which enters the country through Pacific coast ports, at $191, f.o.b. port of entry.

Dealers regularly engaged in buying and selling mercury on their own behalf are permitted by the schedule to add a premium of 2 percent of the applicable maximum base price in addition to actual transportation costs. Brokers are allowed a 1 percent commission from the consumer.

Officials of the Miscellaneous Minerals Branch, War Production Board, asked manufacturers and contractors who use mercury in filling defense orders to obtain their mercury from the usual trade channels. This request was made because of the growing tendency of manufacturers to come directly to the government stock pile, putting additional pressure on emergency stocks while usual trade channels still have mercury available. The WPB ask that the stockpile be regarded as an emergency measure to be used only when mercury cannot be obtained elsewhere.

- - - — V - - - —

AMA Personnel Parley Urges Industrial Peace

—Continued from page 7

gram through lack of industrial peace.

Declaring that the alert personnel department must adapt itself quickly to changing conditions, L. A. Appley, vice-president of the Vick Chemical Company, cited examples of the right way and wrong way to meet wartime emergencies. An example of the former was a company that scrapped without hesitation a tradition of not employing women and made provision in a new plant for training and employment of 30,000 women workers. In contrast was a company that followed an old personnel policy which prevented employment of an unnaturalized alien of British birth and thereby "blocked the acquisition of a man they needed badly to get out material required by the Army."

- - - — V - - - —

Narcotic Drug Purchases Held to 1940 Needs

—Continued from page 7

believed that a quantity of each of the several drugs equivalent to that purchased and distributed during the year 1940 will be ample, with possible minor adjustments, to provide for the country's medical requirements for the current year.

Manufacturers registered in Class 1 under the Federal narcotic laws have accordingly been placed under specific quota restrictions with respect to morphine, codeine and dionin. It is not believed necessary to provide specific quota limitations for wholesalers but each wholesaler is requested to limit purchases of these drugs to the 1940 level.

In applying these limitations this office is concerned only with the total quantities of the several basic drugs, i.e., with total codeine, total morphine, etc., and has no objection to the substitution, for instance, of one codeine salt for another. For your convenience in calculating the quantities of the several basic drugs purchased by you, there is attached a table of conversion factors with an explanation of their application.

- - - — V - - - —

Chemical Solvents to Move

Chemical Solvents, Inc., 11 Park Place, New York, will move its offices February 28 to 60 Park Place, Newark, N. J. Telephone numbers, after February 28, will be Barclay 7-8615 and Market 2-3650.

GUAIACOL CAMPHOSULFONATE
PHARMACEUTICAL LIST UPON REQUEST
KETO CHEMICAL CO., 45-39 37th Street, Long Island City N. Y.
Manufacturing Chemists STillwell 4-8292

HYDRAZINE HYDRATE
HYDRAZINE SULFATE
o-PHENYLENEDIAMINE
FAIRMOUNT CHEMICAL CO., INC.
Manufacturers of Fine Chemicals
600 Ferry Street Newark, N. J.

PRIVATE FORMULA WORK
Are you thinking of increasing your present facilities . . . . ?
Before deciding let us tell you how we may be able to save you purchasing new equipment, increasing your factory or storage space and adding to packing and shipping expense. We have taken care of increased volume for many manufacturers at lower than their own costs. All formulas held in absolute confidence. No obligation in talking with us.
Also Headquarters for Drugs, Chemicals, Essential Oils and Allied Products
R. GESELL, INCORPORATED
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EELSINGH & LUGTIGHEID
Importers & Exporters
GRAND RAPIDS • MICH.
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MANUFACTURER'S AGENTS FOR
*HIGH POTENCY A and D OILS
*SHARK LIVER OIL
*TUNA LIVER OIL
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*FINEST QUALITY, IMPORTED U. S. P. COD LIVER OIL
We Invite Your Correspondence

PROCAINE HYDROCHLORIDE
U.S.P. XI
Manufactured under exacting conditions to meet the highest requirements
PUROCAINE CHEMICAL CO., Inc.
Manufacturing Chemists
9-20 38th Avenue, Long Island City, N.Y.

ENCOLOID
VEGETABLE LECITHIN
ALUMINUM CHLORIDE
Anhydrous Sublimed Powdered
IRON CONTENT 0.01%
NEUBERG CHEMICAL CORPORATION
441 LEXINGTON AVENUE, N. Y. CITY

Chemicals for INDUSTRY
A dependable source of supply for Fine and Heavy Chemicals
For quotations phone CHickering 4-6485
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Pfaltz & Bauer, Inc.
EMPIRE STATE BUILDING, NEW YORK

ALL GRADES OF
REFINED GLYCERINE
U. S. P. B. P.
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DYNAMITE
★ ★ ★ ★
REFINERIES LOCATED AT
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105 HUDSON STREET
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TRICHLORACETIC ACID U.S.P.
LACTIC ACID
POTASSIUM PERSULPHATE
Mercantile Import & Export Corp.
21 East 40th Street New York, N.Y.

Ammonium Sulphocyanide C.P.
(THIOCYANATE)
Sodium Sulphocyanide C.P.
(THIOCYANATE)
Potassium Sulphocyanide N.F.
(THIOCYANATE)
Thiourea Purified and C.P.
★ ★
HUMMEL CHEMICAL COMPANY, Inc.
90 West Street New York, N.Y.
Telephone: REctor 2-5687

What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

Fully protected by Copyright

Four Hundred-Seventh Instalment

Potassium Permanganate

Declorizers for Solutions of Potassium Permanganate

Oxalic acid
Stannous chloride

Incompatibilities of Potassium Permanganate

Acids, mineral
Alcohol
Ammonium hydroxide
Arsenites
Bromides
Chlorides
Fats
Ferrous salts
Glycerin
Gums
Hydrogen peroxide
Hypophosphites
Hyposulphites
Mercurous salts
Mineral acids
Organic substances
Oxalates
Oxalic acid
Phenol
Picric acids
Piperazine
Sulphites
Tannic acid
Tartaric acid

Reagents for Removing Fabric Stains of Potassium Permanganate

Hydrochloric acid
Oxalic acid

Solvents for Potassium Permanganate

Acetic acid
Alcohol
Sulphuric acid
Water

Quartz

Etching Agents for Quartz

Acid ammonium fluoride
Aluminum silicates
Aluminum sulphates
Ammonium fluoride
Ammonium sulphate
Ammonium-hydrogen-sodium phosphate
Barium chromate
Barium fluosilicate
Barium sulphate
Borates
Borax
Boric acid
Calcium phosphate
Chromates
Chromic acid
Clay
Feldspar
Fluosilicates
Fluosilicic acid
Hydrofluoric acid
Iron phosphate
Iron sulphate
Kaolin
Lead nitrate
Magnesium sulphate
Nitrates
Nitric acid
Phosphates
Phosphoric acid
Potassium bisulphate
Potassium fluosilicate
Potassium-aluminum sulphate
Silicates
Silicic acid
Sodium chromate
Sodium bichromate
Sodium fluoride
Sodium fluosilicate
Sodium nitrate
Sodium phosphate
Sodium silicate
Sulphates
Sulphuric acid
Zirconium
Zirconium silicate

Radioactive Agents

Chemicals Used in Preparing Radioactive Solutions

Actinium compounds
Barite
Barium oxalate
Barium sulphate
Bismuth compounds
Calcium carbonate
Carnotite
Mesothorium
Potassium uranovanadate
Radium carbonate
Radium oxalate
Radium salts
Radium sulphate
Thallium compounds
Thorium compounds.

Reagents for Enrichment of Radioactive Substances

Hydrochloric acid
Manganese chloride
Manganese oxide, hydrated
Methanol
Nitric acid
Oxalic acid
Permanganates
Potassium permanganate
Radium-barium salt
Sulphuric acid
Zinc sulphate with traces of copper and manganese

Substitute for Radium

Mesothorium

Rayon

(Continued from January 26 issue)

Stabilizer for Cuprammonium Rayon

Sodium persulphate

Water-Repellent Agents for Rayon

Acetate fabrics can be waterproofed by superficially fusing the filaments over heated rollers under pressure
Alginates
Algin compounds
Aluminum acetate
Aluminum formate
2-Amino-5-acetyl-4'-oxy-3'-carboxydiphenylsulphone
Ammoniacal copper oxide solutions
Ammoniacal copper hydroxide solutions
Aquarol
Asphalts
Behenic aldehyde
Boiled drying oils
Cellulose acetate solutions
Cerol S
Colloidal dispersion of paraffin wax with or without neutral aluminum acetate
Fats
Fatty acids
Glycerin
Latex solutions
Linseed oil, boiled
Metallic oxides
Metallic soaps
Petrolatum
Ramasit
Rubber
Stearic aldehyde.
Viscose solutions
Waxes

Weighting Agents for Rayon

(To Return Weight Lost in Degumming)

Aluminum nitrate and soap
Barium sulphate, with gelatin and sulphonated oil
Epsom salt, with sulphonated oils and gelatin
Lead acetate
Lead salts
Phosphates
Rare earth oxyhydrates
Sodium silicate
Stannic chloride
Tannic acid, with gelatin and sulphonated oil
Tin oxyhydrates
Tin salts
Zinc oxyhydrates

Wetting and Washing Agents in Rayon Processing

Abietenesulphonic acid
Acenaphthene
Acenaphthenedisulphonic acid
Alizarin assistant
Aliphatic ester sulphates
Alkylated naphthalenesulphonic acid
Ammonium naphthenate
Anthracenesulphonic acid
Castor oil, sulphonated
Cyclohexylethanolamine
Ethanolamine
Ethanolamine oleate
Invadine N
Isopropylnaphthalenesulphonic acid
Kali penetrators
Kapinol
Monopole oil
Naphthalenesulphonic acid
Naphthalenesulphonic acid with organic fat solvents
Neopen
Neomerpin
Oleoglyceryl sulphate
Penetralene WD
Penetraline
Pentylcyclohexanol
Potassium isopropylnapthalenesulphonate
Purol C
Senol
Soap, with organic fat solvent
Sodium isopropylchloronaphthalenesulphonate
Sodium monobenzylsulphanilate
Shaletar oil
Sonolene
Sonopol soap
Sulphonated oils
Sulphoricinates
Sulpho-texol oil
Turkey red oil
Turkey red oil, with organic fat solvent

NICOTINIC ACID DIETHYLAMIDE

Diacetyl Tannin USP XI (Tannyl Acetate)
Hexamethylene-tetramine-methyl-iodide
Colloidal Silver
Sodium Methylarsonate

HERMAN MEYER DRUG COMPANY, INC.
66-38 Clinton Ave. NEwtown 9-2110 Cable Sulfanyl Maspeth, N.Y.

GELLOID

The Colloid For:
... Stabilizing suspensions and emulsions
... Moisture retention in paste dentifrices
... Quick, dry lotions

JACQUES WOLF & CO.
MANUFACTURING CHEMISTS AND IMPORTERS
PASSAIC, N. J.

KODAK HYDROQUINONE, C. P.

● Three important properties—purity, uniformity, freshness—characterize *Kodak Hydroquinone.* It is held to rigid purity standards by the stringency of photographic requirements ... years of manufacturing experience contribute to its uniformity ... continuous production assures its freshness.

Quotations will be furnished promptly upon request

EASTMAN KODAK COMPANY
Chemical Sales Division Rochester, N. Y.

ALKALOIDS
GLUCOSIDES — DRUG EXTRACTIVES

ACONITINE
ARECOLINE
ASPIDOSPERMINE
ATROPINE
BERBERINE
CHRYSAROBIN
COLCHICINE
DIGITALIN
EPHEDRINE
ESERINE
HOMATROPINE
HYDRASTINE
HYOSCINE
HYOSCYAMINE
LOBELINE
PICROTOXIN
PILOCARPINE
SANGUINARINE
SPARTEINE
STROPHANTHIN
YOHIMBINE

AS IN
WORLD WAR I
NOW IN
WORLD WAR II

OUR laboratories are answering the challenge of keeping pace with the unprecedented demand for alkaloids, glucosides, and allied drug extractives for domestic consumption and for export to the other countries of the Western Hemisphere.

Our alkaloidal chemists and botanical staff are cooperating with you to the utmost in coping with the present emergency in regard to our supplying this vital group of drug products. The service that we are rendering is backed by twenty-four years of continuous production of alkaloids, World War I experience, comprehensive research endeavors, and extensive manufacturing facilities.

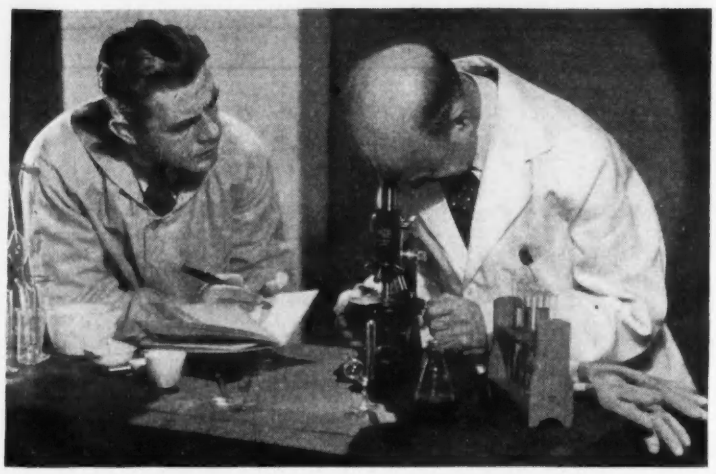
INLAND ALKALOID COMPANY
Manufacturing Chemists
TIPTON, INDIANA, U.S.A.

PENICK for Water Soluble Gums

Penick's water soluble gums are *evenized* — processed by special methods, laboratory controlled to insure high quality for every grade of every gum.

PENICK for Crude Plant Drugs

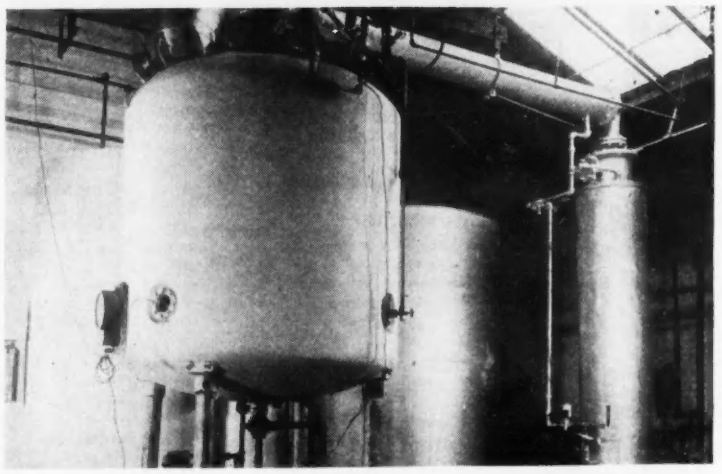
Some one thousand botanical drugs are obtainable from Penick. Field representatives buy the finest crops; a staff of scientists make certain of a high peak of quality.



PENICK for Soft and Powdered Extracts Concentrations –

RESINS — ALKALOIDS — GLYCOSIDES AND RELATED PLANT PRINCIPLES. VITAMIN OILS

Modern equipment, experienced manufacturing, and control chemists, together with expert pharmacognosists, guarantee exceptional standards of purity.



PENICK for Basic Insecticides: Pyrethrum and Rotenone Products

Controlled manufacturing methods assure standardized basic materials for making potent finished insecticides.

PENICK for PLANT DRUGS and PLANT DRUG DERIVATIVES is a buy-word with thousands of botanical users. During these difficult days Penick is doing its best — and has set a remarkable record—to deliver the botanical goods. There has been no sacrifice of quality. Large and varied stocks, and strategically-located Penick warehouses get your orders to you as quickly as possible.

IT'S YOUR AFFAIR!

Why not make it your business to attend the Annual Drug, Chemical and Allied Trade Section Dinner, at the Waldorf-Astoria Hotel, on March 12, 1942. Order your tickets now.

S. B. PENICK & COMPANY

50 Church St., New York, N. Y. **735 W. Division St., Chicago, Ill.**

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Botanical Drugs, Spices, and Gums

Far Eastern Spices Soar as Japs Thrust Against Netherlands Indies — Price Competition Eases Some Domestic Botanicals — Bulk of Items Hold

Far Eastern spice items swooped up to new and much higher price levels following the capture of the Malayan peninsula by Japan and the very definite tightening of the iron ring she seeks to throw around the Netherlands East Indies to choke off the NEI communications with the United Nations in order eventually to capture the rich Dutch archipelago.

In addition to this price activity was an extension of the readjustment of spot quotations on numerous medicinal items, the same being a sign of a return to slightly more competitive conditions. The changes were rarely large in degree and, it must be said, were not always followed by the trade as a whole.

On the whole, there continued to exist a stubborn price situation that stemmed directly from either the impossibility or the greatly uncertain matter of the future replacement stocking of many materials.

The Office of Price Administration lowered its price ceiling on black pepper and raised that on white. In addition, it granted export sales a price equal to 10 percent more than the ceilings.

Balsams

Copaiba.—Firm. Reasonably active Some delay with replacements.

Peru.—Firm to firmer. In good request. Moderate supplies.

Barks

Cinchona.—Supplies Dutch pharmaceutical bark husbanded carefully. No more can be shipped.

Fringetree.—Steady at recent price drop. Not too plentiful.

Sassafras.—Ordinary selling at 20c. to 21c. per pound. Select firm and unchanged.

Simarubra.—Some spot goods held at 55c. per pound. Others ask upwards of 67c.

Wahoo.—Country prices high and strong. Spot root bark around 40c. per pound.

Beans

Calabar.—Closely held at firm to strong prices.

Vanilla.—No news yet of 125 tong French beans loaded at Madagascar weeks ago. Strong and undersupplied market.

Berries

Hawthorn.—A trifling stock, English berries, held around $1.25 per pound. No more domestic collection reported. Honey makers in West show interest in possible cultivation.

Saw Palmetto.—Firm and subject to full price stability. Spot stocks sufficient.

Cranesbill Root

Botanists gave it the stimulating and virile-sounding name of Geranium Masculatum, derived from the Greek word for 'crane," and found from Canada to Georgia.

Hill folk and plainsmen who collect it know it by the picturesque names of Alum Bloom, Chocolate Flower, Dove Foot, Storksbill, Old Maid's Nightcap, and Shameface. Who says commonfolk lack imagination!

Cranesbill had the dignity of USP designation in 1900 but today neither the USP nor the N. F. know it. But its astringent and styptic qualities keep it in commerce at 18c. per pound today, against 13½c. when the World War No. 2 began.

An eclectic who reported complete analysis of cranesbill in 1863 found tannin, gallic acid, pectin, starch, sugar, albumen, lignin and chlorophyll present.

Research in 1891 found 11.72 percent tannin in root collected in January; 27.85 percent in root dug just before blossometime in the Spring; and but 9.72 percent in October collections.

If nutgalls, with 60 to 70 percent tannin, should become extinct through the war, cranesbill could be put to work yielding tannic and gallic acids—if there were enough cranesbill, which seems not likely.

It's a thought that science might kick around a bit.

Price Changes

Advanced

Allspice, Mexican, ½c. per lb.
Anise, Mexican, 2c. per lb.
Cardamom, decorticated, 25c. per lb.
Cassia, Batavia, No. 1 thin quill, 12c. per lb.
No. 1 regular, 9c. per lb.
shortstick, 10c. per lb.
Chinese, buds, 10c. per lb.
rolls, select, 3c. per lb.
broken select rolls, 2½c. per lb.
Saigon, No. 1, 10-4-4, 15c. per lb.
10-6-2, 14c. per lb.
all thin, 1c. per lb.
Celery seed, Indian, 7c. per lb.
Cinnamon, Ceylon, No. 2, 10c. per lb.
Cumin seed, Morocco, 2c. per lb.
Ginger root, African, 4c. per lb.
Cochin, 3c. per lb.
Niger seed, 1c. per lb.
Nutmegs, E. I., small grinding, 5c. per lb.
Pepper, white, ceiling, ½c. per lb.
Pimento, Jamaica, 1½c. per lb.
Poppy seed, Turkish, 4c. per lb.
Sassafras bark, ordinary, 1c. per lb.
Thyme, Spanish, 3c. per lb.
Vanilla, Tahiti, 25c. per lb.
Wahoo, root bark, 5c. per lb.

Reduced

Black Indian hemp root, 3c. per lb.
Canella bark, 1c. per lb.
Chamomile flowers, Hung. type, 3c. per lb.
Cohosh root, black, 1c. per lb.
Culvers root, 2c. per lb.
Cumin seed, Persian, ½c. per lb.
Dandelion root, 3c. per lb.
Gelsemium root, 1c. per lb.
Henna leaves, whole, 2c. per lb.
powdered, 2c. per lb.
Henbane leaves, 40c. per lb.
Juniper berries, 5c. per lb.
Kola nuts, ½c. per lb.
Lady slipper root, 2c. per lb.
Larkspur seed, $1.15 per lb.
Lavender flowers, ordinary, 5c. per lb.
Matico leaves, 2c. per lb.
Mustard seed, Chinese yellow, ½c. per lb.
Washington yellow, ½c. per lb.
Passion flower herb, ½c. per lb.
Pepper, black, ceiling, ¼c. per lb.
Prince's pine herb, 2c. per lb.
Poppy seed, Indian, ¼c. per lb.
Scullcap, Eastern, 2c. per lb.
Senna, T.V., No. 1, 1c. per lb.
No. 2, 1c. per lb.
No. 3, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
323.5	327.0	317.8	239.0

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

DCAT Banquet, Hotel Waldorf-Astoria, March 12.
Spice Trade Association, New York, May 11-13.

In spite of growing difficulties

Most manufacturers realize that their stake lies not alone in the immediate present—that they must look beyond today's trying conditions.

Manufacturers who continue keeping their products available in undiminished quality and with promotion that keeps their trade-marks ever in the public eye, are bound to profit in terms of uninterrupted and growing demand when the smoke settles down and things resume their normal course.

Nothing is more perishable than a trade-mark. That is why our organization is doing everything within its means to continue supplying the quality materials which alone guarantee your ability to satisfy *current* demand and a hold on public preference in the *future.*

CHECK THIS LIST of HOPKINS' ANALYZED CRUDE DRUGS

✓ ALOES
✓ BENZOIN GUM
✓ CINCHONA BARK
✓ DIGITALIS (116% Active)
✓ ERGOT 150%
✓ FENNEL SEED
✓ GENTIAN ROOT
✓ GINGER (All Kinds)
✓ HOREHOUND HERB
✓ KOLA NUTS
✓ NUX VOMICA
✓ OLIBANUM GUM
✓ PAPAIN
✓ RHUBARB ROOT
✓ SENNA LEAVES
✓ WHITE SQUILL

and every other Foreign and Domestic Botanical Drug for which there is demand.

◆ ◆ ◆ ◆ QUOTATIONS AND SAMPLES ON REQUEST ◆ ◆ ◆ ◆

J. L. HOPKINS & CO.

IMPORTERS, MILLERS AND MANUFACTURERS OF PROFESSIONALLY MILLED, ANALYZED CRUDE DRUGS

Boston Philadelphia — 220 BROADWAY, NEW YORK CITY — San Francisco — Memphis Los Angeles

We Offer the Following From Stock

AGAR AGAR, Japanese Shreds, Cut and Powder
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Flowers

Lavendar.—Ordinary flowers offered spot low as 40c. per pound.

Mullein.—One quarter makes spot market $1.75 per pound. Others quote upwards $2.10.

Poppy.—Not too much available. One quarter makes 70c. market. Other directions name up to 85c.

Pyrethrum.—Needs to be met so long as Kenya Colony stocks continue to reach this country. Sole source of supply remaining. It shipped U.S. none in November, 1941.

Gums

Arabic.—Doing well. Holding firm to strong. Future depends on accessibility of primary market export points and availability of shipping.

Benzoin. — Supply of Siam gum not very large. Must be stretched since contact with primary market has ended. Virtually same situation in Sumatra gum except that stocks are not too low.

Herbs and Leaves

Deer Tongue.—Firmer as sales put the market to 16c. to 17c. per pound.

Henbane.—Prices sharply lower at $2.85 per pound minimum. Reduction made in closing hours of previous week. Price applies on goods USP or better. Reduction possible because of the favorable and encouraging crop prospects for 1942.

Henna.—Shaded on spot. Whole, 28c. to 30c. per pound. Powdered, 33c. to 35c. More competitive.

Malva. — Wide difference in price opinion noted. Low as 40c. per pound quoted. High as 65c. asked. Not much trade noted.

Matico. — More competition. Spot shaded to 22c. to 24c. per pound.

Prince's Pine. — Minimum at 28c. per pound. High as 40c. asked.

Senna.—Spot prices shaded. Alexandrian half leaf, 23c. to 25c. per pound. T. V., No. 1, 16c. to 17c. No. 2, 12c. to 15c. No. 3, 11c. to 12c. Powdered, 14c. to 15c. Pods, 13c. to 16c.

Miscellaneous

Kola Nuts.—Fractionally cheaper at 7½c. to 8c. per pound.

Lycopodium. — None known definitely available.

Papain.—Ranging wide at $2.90 to $3.75 per pound as to seller.

St. John's Bread. — Most quarters report stocks inedible exhausted.

Roots

Arnica.—Low as $1.25 per pound quoted. High as $1.45 asked. Not much trade.

Black Indian Hemp.—Cheaper at 23c. to 26c. per pound as to seller.

Culvers.—Higher at 26c. to 28c. per pound. Stocks conserved.

Cohosh.—Black material a shade lower at 10c. to 11c. per pound.

Gelsemium.—Eased under competition to 17c. to 18c. per pound.

Hellebore.—Ranging wider. Spot, 36c. to 42c. per pound as to seller.

Lady Slipper.—One quarter shades to 53c. per pound. Range to 55c.

Seeds

Anise.—Mexican sharply up, spot and source. Spot, 36c. to 37c. per pound. Star up to 38c. to 40c.

Cardamom.—Very scarce. Very high at $1.55 to $1.60 per ponud for decorticated.

Larkspur.—Spot, $4.85 to $5.90 per pound. Stocks on Pacific Coast far lower than spot position.

Spices

Allspice.—Mexican advanced spot to 14½c. to 15c. per pound.

Cassia.—All sharply higher. Batavia, No. 1 thin quill, 48c. to 50c. per pound; No. 1 regular, 45c. to 46c.; shortstick, 45c. to 46c.; China, buds, 42c. to 44c.; rolls, selected, 37c. to 39c.; broken, extra select, 35½c. to 37c.; Saigon, No. 1, 4-10-4, 79c. to 81c.; 10-6-2, 79c. to 81c.; all thin, 79c. to 81c.

Cinnamon. — Very scarce. No. 2 Celyon jumped to 45c. to 46c.

Ginger.—African lower at 46c. to 47c. per pound. Cochin, higher at 45c. to 46c. Jamaica, all nominal.

Nutmegs.—Small East India grinding higher at 30c. to 31c. West Indian, 27c. to 28c.

Pepper.—OPA lowers ceiling ¼c. on black. Raises it ½c. on white. White, Java Muntok, 11½c. per pound; Singapore Muntok, 11½c. Small berry Muntok, 10½c. Red, Japanese chillies, up sharply to 45c. to 46c. per pound. Mombassa, 27c. to 28c.

Trading in black pepper futures on the New York Produce Exchange from January 31 to February 6, inclusive, comprised 201 contracts. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
March	6.27	6.15	6.17@ 6.18
May	6.34	6.21	6.23@ 6.26
September	6.50	6.39	6.41@ 6.42

Pimento.—Advanced to 24c. to 24½c. per pound.

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"Many given to drinking strong liquor are troubled by strange fancies and strange sights in the night. These I have known cured by this herb."
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THE ASTROLOGER-PHYSICIAN
In 1652 Ordered
BUGLE WEED — For Enlarged Liver — For Broken Bones —— For Gangrene
American Medicine Utilizes Its Tonic Astringent Properties Today

Essential Oils, Aromatic Chemicals

Notable Arrival of Far Eastern Oils Supplies Buyers—Little Left for Dealers' Replacement Stocks—Price Advance Continues on Some Oils Landed

Information available last week showed that during the previous period, substantial quantities of cajeput, cananga, cinnamon, citronella, lemongrass, palmarosa, patchouli, and sandalwood oils finally made port. These oils left the Far Eastern primary markets weeks ago and their position was unknown until the ship slipped safely into the port of New York.

The lack of spot stocks beyond jobbing quantities was not relieved much by the arrival. Most of the merchandise had been sold prior to arrival and little was left for replacement stocks after deliveries had been made. The market absorbed the arrival without prices being weakened. It is not unlikely that the arrival will be the last for a long time.

Price activity during the period under review emphasized the strong position of all oils originating in the Far East. Higher quotations came on eucalyptus, cananga, cassia, and Java vetiver. Japan carried her campaign closer to the primary market shipment ports and the future of supplies seemed to turn on later events in the war.

Essential Oils

Almond.—Firm. Low supply. Good demand.

Amber.—Market still clear of stocks. Purely nominal.

Anise. — Stocks being conserved. Tightly held. No competition.

Bay.—Firm to firmer in all markets. Good demand.

Birchtar.—Stocks exhausted. Early replacement arrivals unlikely.

Bois de Rose.—Higher at $5 to $5.25 per pound. Rise covers higher replacement and transport charges.

Cajeput.—Lot of 24 drums landed here. Was well sold prior to arrival. Future arrivals not likely.

Cananga.—Importation of 15 drums noted. Possibly the last to reach here from primary market. Higher at $14.75 per pound for native; $15.75 for rectified.

Caraway. — Jobbing lots getting very scarce.

Cardamom. — Strong and tending higher as stocks shrink.

Cassia. — Sold at $11 per pound. Many without stocks. None definitely known to be afloat.

Cedarleaf. — Scarce. Likely to remain so. Demand out-does supply.

Cedarwood.—Position identical with that in cedarleaf.

Cinnamon.—Two cases of bark oil, 24 drums leaf oil finally make port. Most all sold prior to arrival. Strong position continued.

Citronella. — Two hundred and eighty-five drums of badly needed oil finally make port. Come on strong, almost bare market. Prices maintained readily.

Clove. — Situation still tight. Demand out-speeds supply. Deliveries of makers far behind output of stills. Strong prices.

Dill.—Weed oil stocks low. Prices higher at $7.75 to $8 per pound. Real production effort in West expected.

Eucalyptus. — Higher at 80c. to 85c. per pound. Japan draws near to primary market. Continued export depends on turn of war events.

Ginger. — Raw materials and oil both strong. Costs running high.

Lavender.—None known to be available for spot market sale.

Lemon. — Strong in all respects Demand normal. Some say slightly above usual volume.

Lemongrass. — Arrival of 54 drums noted. Fails to ease market. Practically all sold. No more definitely known to be afloat. No more likely to leave primary market unless war events turn against Japan.

Lime.—Strong. In low supply. In high demand. Primary market offerings conserative.

Lignaloe. — Hard to get oil from Mexico. Spot firm to stronger.

Mustard. — Natural oil very scarce.

Price Changes

Advanced

Bois de rose, 25c. per lb.
Cananga, 75c. per lb.
Cassia, 50c. per lb.
Dill, ceed oil, 25c. per lb.
Eucalyptus, 10c. per lb.
Vetiver, Java, $2 per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
281.6	**280.0**	**278.8**	**173.5**

Market news that may have developed after this report was sent to press will be found on page 4.

Musk

It's a long trek, even in peace time, to the mountain homes of Mr. Moschus Moschiferus in northern and central Asia and Thibet. It's an impossible trek today because war blocks the caravan trails and China ports.

Mr. M. M., is the musk deer whose preputial follicles yield the secretion so desired by the perfumery, flavoring, and soap industries. As stocks are about to disappear, the price is around $37 per ounce as compared with $21 when war began in September, 1939.

Prices reached $42 late in World War No. 1 from the starting base of $16 in August, 1914. At that time, war never closed the primitive trade routes to shipment ports. At this time, routes are cut. All contact with first sources is broken.

And here is where the American aromatic chemical industry comes in with synthetic musk derived from the not plentiful supplies of nitrated tertiary outyl toluenes, xylenes, or related compounds.

Synthetic musk in World War No. 1 came mainly from Europe. Its price rose from $1.75 per pound in August, 1914, to the peak of $30 reached in 1918.

World War No. 2 finds the domestic makers selling musk ambrette at $4 per pound; ketone, $4.15, and xylol, $1.40. Artificial musk is scarce because nitric acid, toluol, and xylol are now consecrated to man's destruction and not to his enticement through his senses.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 9

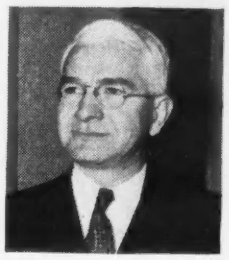
Association Meetings:—

DCAT Banquet, Hotel Waldorf-Astoria, March 12.

Flavoring Extract Manufacturers Association, Hotel Pennsylvania, New York, May 18-20.

MEET MAGNUS REPRESENTATIVE

GORDON LEECH
Pennsylvania Representative



A native of Philadelphia and a graduate of the Philadelphia College of Pharmacy & Science, silver-haired Gordon Leech brings to an important clientele a background of experience as an analytical chemist and representative of leading drug and chemical houses. He's just off on his 23rd year with M M & R and going strong.

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DODGE & OLCOTT COMPANY
180 VARICK STREET NEW YORK, N. Y.
Boston Chicago Philadelphia St. Louis Los Angeles
Plant and Laboratories: Bayonne, N. J.

Most dealers hold none. Artificial oil at favorable prices.

Nutmeg.—Scarce and getting no more plentiful. Output lags at plants. Tendency still upward.

Orange.—California oil $3.25 per pound minimum. Last change made last November. Demand good. Stocks fair but represent no important surplus.

Palmarosa.—Arrival of eight parcels from source may be last oil to reach here. Export depends on future trend of war.

Patchouli.—Four drums reached here from primary market. Landed without causing least ripple in price position of article.

Petitgrain.—Imports of 85 cases and five drums from source noted. Came on firm market. Little surplus locally.

Peppermint.—No change in prices. Trade apparently maintaining stabilization as present price policy. Demand not too active.

Rosemary.—Fair stocks held in strong quarters.

Sandalwood.—Arrival of 14 cases from source may be last shipment from primary market. Future depends on maintenance of export through war zone.

Spearmint.—Steady to firm. Reasonable activtiy.

Vetiver.—Java oil higher at $30 to $31 per pound. Japan attacking primary market direct. Future of supply dark at present.

Aromatic Chemicals

Methyl Salicylate.—Producers extend efforts to keep all regular customers supplied with at least portion of requirements.

Methyl Anthranilate.—Moderate stocks. Good demand. Strong undertones.

Methylnaphthyl Ketone.—No surplus supply. Excellent consumer request. Firm prices.

Musk.—Scarce. Leading producers' output curtailed by lack of sufficient nitric acid, toluol and xylol. Only regular customers served. Dealers get upwards of $6.60 per pound.

Nerolin.—Sellers reserved. Stocks on low side.

Phenylacetaldehyde.—Supplies conservative. New customers find few willing to supply them.

Phenylethyl Acetate.—Strong and getting stronger as stocks shrink steadily.

Safrol.—Almost unobtainable.

Strolyl Acetate.—Available only in hand-to-mouth quantities.

Terpinyl Acetate.—Most dealers lack reserve supply. Consumers on short rations.

Terpineol.—Limited supply reported, subject to prior sale.

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Government Agencies Increase in Number

—*Continued from page 5*

CEA—Commodity Exchange Administration.
CND—Council of National Defense.
COI—Coordinator of Information.
CRI—Committee for Reciprocity Information.
CSC—Civil Service Commission.
D. of J.—Department of Justice.
DCB—Defense Communications Board.
DDHC—Division of Defense Housing Coordination.
DIO—Division of Industrial Operations.
DPC—Defense Plant Corporation.
DSC—Defense Supplies Corporation.
EHFA—Electric Home and Farm Authority.
FBI—Federal Bureau of Investigation.
FCA—Farm Credit Administration.
FCC—Federal Communications Commission.
FDA—Food and Drug Administration.
FDIC—Federal Deposits Insurance Corporation.
FHA—Federal Housing Administration.
FHLBB—Federal Home Loan Bank Board.
FLA—Federal Loan Agency.
FPC—Federal Power Commission.
FR—Federal Reserve.
FSA—Farm Security Administration.
FSA—Federal Security Agency.
FTC—Federal Trade Commission.
FWA—Federal Works Agency.
GAO—General Accounting Office.
GPO—Government Printing Office.
HOLC—Home Owners Loan Corporation.
ICC—Interstate Commerce Commission.
MLB—Maritime Labor Board.
NACA—National Advisory Committee for Aeronautics.
NDAC—National Defense Advisory Commission.
NDMB—National Defense Mediation Board.
NLRB—National Labor Relations Board.
NMB—National Mediation Board.
NWLB—National War Labor Board.
NYA—National Youth Administration.
OADR—Office of Agricultural Defense Relations.
OCD—Office of Civilian Defense.
OCIA—Office of Coordinator of Inter-American Affairs.
ODHWS—Office of Defense, Health and Welfare Services.
OEC—Office of Export Control.
OEM—Office for Emergency Management.
OFF—Office of Facts and Figures.
OGR—Office of Government Reports.
OLLA—Office of Lend-Lease Administration.
OPA—Office of Price Administration.
OPC—Office of the Petroleum Coordinator.
OSRD—Office of Scientific Research and Development
PBA—Public Buildings Administration.
PIC—Petroleum Industry Council.
PRA—Public Roads Administration.
PWA—Public Works Administration.
REA—Rural Electrification Administration.
RFC—Reconstruction Finance Corporation.
RRB—Railroad Retirement Board.
SEC—Securities and Exchange Commission.
SMA—Surplus Marketing Administration.
SSB—Social Security Board.
SSS—Selective Service System.
TVA—Tennessee Valley Authority.
USA—United States Army.
USHA—United States Housing Authority.
USMC—United States Marine Corps.
USMC—United States Maritime Commission.
USN—United States Navy.
WPA—Works Projects Administration.
WPB—War Production Board.

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Obituaries

George Henning

George Henning, president of the Belmont Smelting & Refining Works, Inc., Brooklyn, N. Y., died February 1 in a hospital, where he underwent an operation January 30. He was sixty-five years of age.

A native of Brooklyn, Mr. Henning became associated with his father's firm of Z. Henning & Sons in 1896, which subsequently was named Belmont Smelting & Refining Company. Surviving are his wife, a daughter, three sons and a brother.

Walter H. Jewell

Walter Hart Jewell, founder of the Bisodol Company, manufacturer of a proprietary medicine, died in his home in New Rochelle, N. Y., February 1. He was seventy-two years of age.

Mr. Jewell founded the Bisodol Company in 1916 and sold out his interests in 1928, and subsequently established Orchidwood, Inc., formed to breed orchids. He bought a number of plants from horticultural exhibits in England and crossbred them, producing a number of hybrids. Surviving are his wife, a daughter and two sons.

Otto S. King

Otto S. King, vice-president of the Ohio Chemical & Manufacturing Company, died in a hospital in this city after a four-day illness of pneumonia and heart disease. He was sixty-five years of age. He was a founder of the King Oxygen Works, of which the Ohio Chemical & Manufacturing Company is successor, with latter company becoming subsidiary of the Air Reduction Corporation. He was an organizer and a former president of the Compressed Gas Manufacturers Association. Surviving are his wife, a daughter, one sister and two brothers.

John T. Barnett, long identified with the oil industry in Colorado, died February 2 in Denver. He was seventy-two years of age.

Andrew Baxter, founder of the Federal Paint Company, this city, died in his home February 4. He was ninety-six years of age. Surviving is his son, Andrew Baxter, who is head of the company.

Robert A. Hall, who operated a paint plant at Truthville, N. Y., died in Whitehall, N. Y., February 1. He was eighty-four years of age.

W. B. Jones, father of W. Alton Jones, president of the Cities Service Company, this city, died January 31. He was ninety-three years of age.

William H. Magoffin, founder and former president of the closed Atlantic Dryer and Varnish Company, Philadelphia, died January 30 of a heart attack in Germantown, Pa. He was eighty-two years of age.

Albert E. Slaught, vice-president of the Los Angeles Soap Company, died January 29. He was seventy years of age.

William T. Kicklighter, sr., turpentine producer, died January 21 at his home in Claxton, Ga. He was eighty-one years old.

James L. Wright, turpentine producer of Alma, Ga., died January 22 in the Ware County Hospital, Waycross, Ga., after a short illness. He was forty-eight years old.

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THAN AGAINST IT!

The superior quality and purity of Penn-Drake White Oils endows your preparations with extra sales advantages that your distributors and dealers can capitalize. For example, these oils have great affinity for your other ingredients, which means that they blend readily, stay silky and smooth to the last drop, and do not shrink or crack in the jar. Being absolutely pure, Penn-Drake White Oils do not become discolored or develop an unpleasant odor, do not deteriorate in stock or on dealers' shelves.

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PURE—SOLUBLE—LIGHT COLOR
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Petroleum Products

Few New Developments in Markets for Refined Products—OPA Ceilings Order Brings About No Revisions—Connally 'Hot Oil' Act Permanency Voted by Senate

Markets for refined petroleum products showed little change during the period under review. The announcement by the Office of Price Administration that prices would be pegged at October 1 levels brought about no price revisions, as most products had been unchanged since that time. Various types of solvents and naphthas were very tight, particularly aromatic naphthas, lacquer diluent, butane and propane. Paraffin was virtually unobtainable. Quiet continued to characterize the market for white mineral oils and petrolatums.

The Senate last week passed a bill making permanent the Connolly "Hot Oil" act, which prohibits interstate shipments of oil produced in violation of state proration laws. The Senate committee on mines and mining, in reporting the bill favorably, said that permanent status of the law will discourage excess and, therefore, wasteful production of crude oil.

Solvents and Diluents

Aromatic Naphthas. — Very tight. Few offerings. Prices firm.

Cleaners' Naphtha.—Fair movement. Demand large. Tone stable.

Lacquer Diluent. — Very scarce. Sales limited. Price unchanged.

Mineral Spirits. — Continued good demand at unchanged prices.

Rubber Solvent.—Market less active. Bidding off. Prices steady.

Stoddard Solvent.—Better than normal demand. Quotations firm.

V. M. & P. Naphtha.—Market somewhat tighter. Demand heavy.

Markets at Other Centers

Chicago—Feb. 6

Limited supplies continued to represent the solvents and diluents market, accompanied by persistently good demand for most grades of material. Tone was firm in most cases.

Aromatic Naphthas.—Supplies limited, prices firm.

Cleaners' Naphthas.—Good call, market steady.

Lacquer Diluent.—Restricted offerings, prices stiff.

Mineral Spirits.—Demand active, market holding firm.

Rubber Solvent.—Decreasing demand, market holds.

Stoddard Solvent.—Orders good, prices steady.

V. M. & P. Naphtha.—Active interest, prices unchanged.

New Orleans—Feb. 6

Little change was noted in the domestic market on cleaning solvent and V. M. & P. naphthas. Prices were firm and a conservative demand continued.

Cleaning Solvent.—Demand routine; price unchanged.

V. M. & P. Naphtha.—Normal demand; no change in price.

Lacquer Diluent

That the demand for lacquer diluent will become increasingly larger is apparent as the need for toluol for explosives and the shortage of toluol high aromatic substitutes develops. At present the use of toluol in protective coatings is forbidden. Lacquer manufacturers who ordinarily had used toluol must now, of necessity, turn to the ordinary lacquer diluent for replacement, which will bring still further pressure against current supplies of the latter.

The tightness in lacquer diluent is not entirely a matter of low supply. There appears to be a sufficient potential supply to take care of normal requirements, but the greatly increased demand has put a strain on the usual transportation facilities, with the result that a bottleneck has developed in deliveries. The need of using all available facilities for delivery of more important defense products also has tended to aggravate the lacquer diluent situation.

Price Changes

Advanced

None

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

San Francisco—Feb. 5

The trade is still awaiting the expected advance in certain freight rates. Meanwhile, demand is well maintained and prices steady.

Aromatic Naphthas.—Good call. Market tight. Prices firm.

Cleaners' Naphtha.—Demand well maintained. No price changes.

Lacquer Diluent.—Market holding firm.

Petroleum Thinners.—Good call. Firm.

Rubber Solvent.—No changes. Heavy demand.

V. M. & P. Naphtha.—Paint trade active buyers.

Tulsa—Feb. 6

The market for these products remained fairly active during the past week, with marked tightness evident in some of them. Prices have been pegged at levels of Octobr 1, 1941.

Cleaners' Naphtha.—Movement routine. Prices steady.

Lacquer Diluent.—Very tight. No changes in quotations.

Mineral Spirits.—Paint manufacturers ordering in good volume. Tone stable.

Rubber Solvent.—Fair call reported. No changes.

Stoddard Solvent.—Some tightness felt. Offerings smaller. Prices firm.

V. M. & P. Naphtha.—Good movement to paint trade. Firm and unchanged.

Lighter Fractions

Butane. — Very scarce. Demand large. Price steady.

Heptane. — Movement broader. Inquiries active. Tone stable.

Hexane. — Consumers showing more interest. Market firm.

Octanes.—Continued good demand. Shipments large. Prices firm.

Pentanes. — Market evidencing firmness. Price steady.

Propane. — Little available. Sales curtailed. Prices firm.

Markets at Other Centers

Chicago—Feb. 6

Lighter fractions are still commanding much interest from buyers, while offering at low volume totals show the market to be in a generally tight and strong position.

Butane.—Scarcity rules, prices firm.

Heptane.—Good call, market strong.

Hexane. — Demand brisk, no price change.

Octanes.—Inquiry good, quotations are holding.

Pentanes.—Active buying, prices stiff.

Propane.—Extensive demand, market firm.

Tulsa—Feb. 6

Shortness of supplies remained the dominant factor in the market for lighter fractions last week. Some types of material were virtually unobtainable, while others were available only in small quantities.

Butane.—Very scarce. Prices firm.

Pentanes. — Fair offerings. Demand large. No price changes.

Propane.—Little offered. Tone stable.

Petrolatums and Waxes

Paraffin.—Demand heavy. Little available.

Petrolatums.—Market quiet. Buyers not too active. Prices unchanged.

White Mineral Oils.—Movement slow. Tone stable.

Markets at Other Centers

Chicago—Feb. 6

Generally firm and active market conditions prevailed in petrolatums and waxes. Paraffin held tight following ceiling schedule modification.

Paraffin.—Good interest, prices firm.

Petrolatums.—Demand good, quotations steady.

White Mineral Oils.—Call brisk, prices stiff.

Tulsa—Feb. 6

Little change was reported in the market for these products last week. Demand, offerings and prices were at previous levels.

Paraffin.—Very scarce. Prices pegged.

Petrolatums.—Movement fair. Inquiries off. Prices firm.

Fuels and Lubricants

Gasoline. — Demand continued to taper. Prices firm.

Kerosene. — Less interest. No price changes.

Lubricating Oils. — Good call for Pennsylvania grades. Prices steady.

Markets at Other Centers

Chicago—Feb. 6

Fuels and lubricants were featured by slightly less demand for gasoline.

Gasoline.—Consumption off somewhat, prices unchanged to easy.

Kerosene. — Big season approaching, prices firm.

Lubricating Oil.—Good active, market firm.

New Orleans—Feb. 6

Firmness was the keynote of the market on gasoline and kerosene, quotations remaining unchanged.

Gasoline.—Market normal; price stable.

Kerosene. — Demand moderate; no change in price.

Tulsa—Feb. 6

The general market was less active, with demand tapering slightly.

Gasoline.—Inquiries off. Prices steady.

Kerosene.—Fair call. No changes.

Lubricating Oils. — Movement large. Demand heavy. Prices firm.

- - - — V - - - —

Bolivian Oil Rights Disputes to Be Settled

The Bolivian government has agreed to pay $1,000,000 for surveys made of Bolivian oil fields by the Standard Oil Company of Bolivia and in settlement of all other claims against its oil fields, according to a communique issued by the Bolivian government. In addition the communique further said that Export-Import Bank would make an initial loan of $5,500,000 for development of the Bolivian oil industry.

- - - — V - - - —

Asphalt Production Up

Monthly petroleum statements of the U. S. Bureau of Mines issued to date for eleven months of 1941, according to a compilation just released by the Asphalt Institute, reveal that net refinery production of asphalt in the United States amounted to 7,649,000 tons—a figure 21 percent above the previous record high, attained in 1940. This eleven-month total exceeds the entire record year of 1940 by more than 1,000,000 tons.

- - - — V - - - —

Mexican Subsoil Decision Reinvigorates Oil Quarrel

Chief representatives in Mexico of the expropriated American and British oil companies were in New York last week to discuss with their superiors the decision of the Mexican Supreme Court, which is believed to have reversed the rulings which justified nationalization of subsoil rights.

That the recent decision upholds the subsoil rights of a foreign oil concessionaire has been denied by Francisco J. Gaxiola, Mexico's Minister of National Economy. He declared the decision did not change the legal situation and, even if it had, the ruling applied only to the specific case under consideration.

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Harding Gets Oil Post

OPD Washington Bureau
February 2, 1942

The appointment of Charles L. Harding of New York as counsel and acting director of District 1, the Eastern States, of the Office of Petroleum Coordination, was announced today. He formerly was manager of the marketing division of the Shell Oil Company's legal department east of the Rocky Mountains.

- - - — V - - - —

Petroleum Products Prices Ceiled by OPA

—*Continued from page* 5

as the base for refined products. This was done to conform with provisions of the Price Control Act, which requires consideration be given to prices prevailing in the period October 1-15. Prices as of October 1 and November 7, however, are in general at the same level.

In addition to the general price levels established the schedule confirms previously approved crude oil prices of $1.21 per barrel for 40° gravity and above in North and North Central Texas; $1.20 per barrel for 40° gravity and above in the Caddo Pool, Louisiana, and $1.25 for the same gravity in Carter county and the Healdton and Oscar Pools, Oklahoma. Customary differentials for lower gravity crudes prevail.

- - - — V - - - —

Used Barrel, Drum Price Ceiling Changed

—*Continued from page* 7

ened to insure that complete reconditioning is necessary to obtain the price differentials granted in the schedule for reconditioned drums.

The original schedule granted a premium of 25 cents for reconditioned 50 to 55-gallon drums that had been lacquer-relined and baked. The amendment revises this so that any 50 to 58-gallon lined and reconditioned drum that is suitable for use as a food drum can command this premium. A lesser premium for the smaller sizes is also put into effect.

Another feature allows the purchaser a deduction from the delivered ceiling price of a raw used drum when and if he makes his own pickups from dealers. The original schedule set a flat delivered price ceiling with no allowances for pickups by buyers.

PETROLATUMS *and* WHITE OILS

From The Refinery of Controlled Specialization

SHERWOOD REFINING COMPANY, INC.

ENGLEWOOD, N. J. • Refinery, WARREN, PA.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

DCAT Banquet, Hotel Waldorf-Astoria, March 12.

American Petroleum Institute, Okla., Biltmore Hotel, Oklahoma City, May 25-28.

TECHNICAL

WHITE OILS

OIL STATES PETROLEUM CO., INC. Woolworth Bldg., New York Plant: Bayonne, N.J.

Industrial Uses of Chemicals and Related Materials

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(Parenthetical figures are the numbers of patents in the United States or other countries, as designated)

Phthalic Anhydride

(Alizarinsaeuresanhydrid, Anhidrido de Acido Ftalico, Anhidrido Ftalico, Anhydride d'Acide Phtalique, Anhydride Phtalique, Anidride Ftalica, Phtalic Acid Anhydride, Phtalinsaeuresanhydrid, Phtalsaeuresanhydrid)

Adhesives

Reactant (U.S. 1920619) in making—
- Adhesives for laminated glass

Cellulose Products

Phthalating agent (Brit. 410118, 410125, and 410126) in making—
- Cellulose acetate calcium phthalate from modified, pretreated, or regenerated cellulose, or partly esterified or etherified cellulose

Starting point in making—
- Plasticizers for cellulose esters by reacting with castor oil (Brit. 378911)

Chemical

Reactant in making—
- Benzoic acid
- Benzoylbenzoic acid (special) (U.S. 1489744)
- Chlorobenzoylbenzoic acid (special) (U.S. 1355100, 1489744, and 1515325)
- Cholorquinophthalone (U.S. 1197632)
- 2:5-Diaminobenzeneparatoluenesulphonephthalamic acid (U.S. 1359969)
- Dihydroxydiethylsulphide phthalic ester (U.S. 1422869)
- Metal salts of hydrogen esters of hydroxylated fatty oils (these salts are soluble in organic solvents and are compatible with nitrocellulose and are claimed to be useful as driers for paints and the like or in nitrocellulose films to improve their fastness to light) (U.S. 1900693)
- Orthoamylbenzoylbenzoic acid (U.S. 1889347)
- Orthobenzoylbenzoic acid
- Orthobenzoylbenzoic acid (special) (U.S. 1515325)
- 2-parachlorobenzoyl)benzoic acid (special) (U.S. 1355100)
- Parachlororthobenzoylbenzoic acid
- Phenylglycinorthocarboxylic acid
- Preparations (stable) of aromatic compounds containing active halogen (U.S. 2136173)
- Salicylic acid
- Styptol

Starting point in making—
- Alkyl esters (U.S. 1478498)
- Benzyl phthalate
- Cyclohexyl phthalate
- Diamyl phthalate
- Dibutyl phthalate
- Dibutyl phthalate (special) (U.S. 1864893)
- 3:4-Dichlorophthalic acid and anhydrides
- 3:6-Dichlorophthalic acid and anhydrides
- 4:5-Dichlorophthalic acid and anhydrides
- Diethyl phthalate
- Di-isobutyl phthalate
- Dimethyl phthalate
- Diphenylphenolphthalein and its substitution products (U.S. 1922240)
- Dipropyl phthalate
- Esters (U.S. 1478498)
- Esters, with the aid of alkylene or polyalkylene glycols and subsequent treatment with a monohydric alcohol. (These products are claimed as plasticizers for cellulose esters, resins) (Brit. 410797)
- Esters, with the aid of grapeseed alcohol or ricinoleic alcohol, useful as solvents for asphalt and other bituminous bodies, dyestuffs, particularly oil-soluble coaltar dyes, fats, oils, greases, and waxes, resinous substances, and rubber (Brit. 445223)
- Ethylglycol phthalate
- Methylcyclohexyl phthalate
- Methylglycol phthalate
- Phenolphthalein
- Phthalates
- Phthaleins
- Phthalic acid and salts of phthalic acid

Starting point in making (cont'd.)—
- Phthalimide
- Phthalotropine
- Tetrabromophenoltetrachlorphthalein
- Tetrachlorophthalic acid and anhydride

Dye

Reactant or starting point in making—
- Acetylphenolphthalein
- Acid eosin (V.M.)
- Acid rosamine A
- Anthracene (special (U.S. 1515325)
- Anthranilic acid
- Anthraquinone
- Anthraquinone derivatives
- Anthraquinone dyes
- Betachloroanthraquinone (special) (U.S. 1355100)
- Brilliant pink
- Carthamine
- Chrysolin
- Coerulein-B
- Coerulin-S
- Cyanosin-B
- Cyanosin, spirit-soluble
- Dye (special) (U.S. 1196127, 1197632, 1359969, and 1411245)
- Eosin
- Eosin B.N.L.
- Eosin S.P.
- Eosin (V.M.)
- Erythrosin-B
- Erythrosin-G
- N-Ethylphthalimide (U.S. 1450678)
- Fast acid blue R.
- Fast acid blue R.H.
- Fast acid magenta G
- Fast acid phloxin A
- Fast acid red A
- Fast acid violet A.2 R.
- Fast acid violet B
- Fast acid violet (V.M.)
- Fast eosin L, paste
- Fluorescein
- Gallein
- Hydroquinolphthalein (U.S. 1455495)
- Indigo and related dyes
- Isovalerylphenalphthalein
- N-Metatolylphthalimide (U.S. 1450678)
- 2-Methylanthracene (special) (U.S. 1515325)
- Methylanthraquinone
- Methyleosin
- Methylfluorescein (special) (U.S. 1455495)
- N-Methylphthalimide (U.S. 1450678)
- N-Orthotolylphthalimide (U.S. 1450678)
- N-Paratolylphthalimide (U.S. 1450678)
- Phenolphthalein
- Phenolphthalein (special) (U.S. 1381503)
- N-Phenylphthalimide (special) (U.S. 1450673)
- Phloxin
- Phloxin-P
- Phthaleins (special) (U.S. 1381503)
- Phthalimide (special) (U.S. 1450678)
- Phthaloperinonedisulphonic acid (special) (U.S. 1126630)
- Pyronin dyes
- Quinizarin (special) (U.S. 1465689)
- Quinolin yellow, spirit-soluble
- Quinolin yellow, water-soluble
- Rhodamine-B
- Rhodamine-3B
- Rhodamine-G
- Rhodamine-3G
- Rhodamine-5G
- Rhodamine-6G
- Rhodamine-12GF
- Rhodamine-scarlet G
- Rhodamine-(V.M.)
- Rhodine-2G
- Rhodine-12 S.M.
- Rose bengale
- Rose bengale-B
- Tetrachlorophenolphthalein
- Tetraiodophenolphthalein
- Uranin
- N-Xylylphthalimide (U.S. 1450678)

Glass

Reactant in making—
- Adhesive compositions for safety layers for laminated glass (U.S. 1920619)
- Safety layers for laminated glass (U.S. 1899588)

Linoleum and Oilcloth

Starting point (U.S. 1912200) in making—
- Resinous products used as substitutes for linoxyn in linoleum

Mechanical

Starting point in making—
- Esters used as working fluids for high-vacuum pumps, such as those used for producing vacuum in radio tubes, electric light bulbs, and in experimental technic of modern physical research

Paint, Varnish, and Lacquer

Phthalating agent in making—
- Phthalate pigments
- Phthalocyanin pigments

Reactant in making—
- Alkyd resinous oils with the aid of linseed oil fatty acids, linseed oil, and glycerin (Brit. 406991)
- Alkyd resinous oils used as solvents for chlorinated rubber (Brit. 409009)
- Compounds of the aroylorthobenzoic acid series useful as siccatives in paints (U.S. 1934033)
- Resins used in making vehicles which promote leafing of flake pigments (Brit. 396081)

Starting point (Brit. 314992) in making—
- Salts useful as swelling agents for paints

Swelling agent (Brit. 314992) in—
- Paints

Pharmaceutical

Reactant (Brit. 310869) in making—
- Iodized pharmaceutical preparations

Resins

Starting point in making—
- Alkyd resins
- Modified resins
- Oil-soluble alkyd resins
- Oil-soluble resins

Strontium Chromate

(Chromate de Strontiane, Chromate Strontianique, Chromate Strontique, Chromate de Strontium, Chromsaeuresstrontium, Cromato de Estrontiana, Cromato Estrontico, Cromato de Estrontio, Cromato di Stronzio, Strontiumchromat)

Metallurgical

Process material (U.S. 1287605) in—
- Rustproofing iron

Miscellaneous

Ingredient (U.S. 1291352) of—
- Rustproofing compound

Paint, Varnish and Lacquer

Ingredient (Brit. 403762) of—
- Chrome yellow pigment

Strontium Nitrate

(Azoate de Strontiane, Azoate Strontianique, Azoate Strontique, Azoate de Strontium, Azotate de Strontiane, Azotate Strontianique, Azotate Strontique, Azotate de Strontium, Nitrate of Strontia, Nitrate de Strontiane, Nitrate Stronianique, Nitrate Strontique, Nitrate de Strontium, Nitrato de Estrontiana, Nitrato Estrontico, Nitrato de Estrontio, Nitrato di Stronzio, Salpetersaeuresstrontium, Strontiumnitrat)

Cement

Process material (U.S. 1519285) in waterproofing—
- Cement
- Concrete
- Mortar

Chemical

Process material in making—
- Manganese dioxide (U.S. 1415395)

Starting point in making—
- Catalysts used in making ammonia (U.S. 1148570, 1152930, and 1491588)
- Hexamethylenetetramine-strontium compound (U.S. 1423264)
- Strontium acetylsalicylate (U.S. 1217862)
- Strontium oxide (U.S. 1376604, 1376605, and 1376606)
- Strontium salts

Electrical

Coating agent (U.S. 1915186) for—
- Electrode for gaseous-discharge tubes

Process material (U.S. 1376604 and 1376606) in making—
- Photoelectric cell

Explosives and Matches

Light-producer in—
- Explosive (U.S. 1393984)
- Flarelight (U.S. 1486014)
- Flashlight powder (U.S. 1240027)
- Impact illuminating bullet (U.S. 1242879)
- Pyrotechnic (U.S. 1265205 and 1423264)
- Railroad signal fuses (U.S. 1180436 and 1441878)

Red-light-producer in—
- Marine signals
- Pyrotechnics
- Railroad flares
- Signal lights
- Tracer bullets

Meat-Packing

Pickling agent (U.S. 1259377) in making—
- Corned beef
- Ham products

Metallurgical

Electrolyte ingredients (U.S. 1314839, 1314840, 1314841, and 1314842) in etching—
- Brass
- Copper
- Nickel
- Steel
- Zinc

Reagent (U.S. 1493012) in—
- Rustproofing iron

Miscellaneous

Ingredient (U.S. 1506322 and 1506323) of—
- Chemical heating agent

Process material (U.S. 1213403) in making—
- Felt

Paint, Varnish, and Lacquer

Reactant in making—
- Chromates used as anticorrosin agents (Brit. 406445)
- Chrome yellow (U.S. 1484088)

Trichlorophenyl Phosphate

Cellulose Products

Fireproofing agent (U.S. 1884433) for—
- Cellulose acetate

Firefighting

Fireproofing agent (U.S. 1884433) for—
- Cellulose acetate

Photographic

Fireproofing agent (U.S. 1884433) for—
- Cellulose acetate

Trimethoxyethylphenyl Phosphate

Miscellaneous

Plasticizer (Brit. 450454) in—
- Coating compositions, containing rubber or natural gums and resins
- Polishing compositions containing rubber or natural gums and resins

Paint, Varnish, and Lacquer

Plasticizer (Brit. 450454) in—
- Coating compositions, containing rubber or natural gums and resins, such as dammar, kauri, pontianac, copal

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Fertilizer Materials

Domestic Nitrate in Bulk Advanced at Ports, Except Hopewell —Prices on Imported Material Extended Through February —Sulphate Tight—Fertilizer Tankage Higher in Chicago

Developments in the market for nitrate of soda held the attention of a large part of the fertilizer trade last week. The factor in the sale of domestic nitrate announced that the price on bulk material has been advanced $1 per ton, f.o.b. Atlantic and Gulf ports, except Hopewell, Va., where it remains unchanged at $27. Importers announced that prices on the Chilean material will be extended through February. Sales of both domestic and imported are on a when-and-if-available basis.

The demand for sulphate continued very heavy during the past week. As in previous periods there was little offered due to short supplies. Potash salts and superphosphate also were tight. There was a good demand for most organics. Fertilizer tankage was advanced at Chicago to register the sole change.

Price Changes

Advanced

Soda, nitrate, dom., bulk, $1 per ton, f.o.b. Atl. and Gulf ports (except Hopewell, Va.).

Tankage, dom., fertilizer, f.o.b. Chi., 25c. per unit.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials, on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
71.0	**71.0**	**71.0**	**68.0**

Market news that may have developed after this report was sent to press will be found on page 4.

Nitrogenates

Castor Pomace. — Little changed. Demand good.

Cyanamid.—Very tight. Virtually unavailable.

Dried Blood. — Good demand reported. Offerings fairly large. Shipments regular. Prices steady and unrevised.

Fish Scrap. — Negligible number of negotiations for sales of fish scrap in Chesapeake Bay area. Output virtually sold. Prices unchanged. Fish meal tight. Price steady.

Nitrate of Soda. — Still awaiting definite government action. Demand heavy. Prices steady. As reported, domestic price was advanced $1 per ton at Atlantic and Gulf ports to $28, except at Hopewell, Va., where it remains at $27. Prices on imported extended through February.

Nitrogenous Material.—Market tight in Midwest. Prices steady.

Sulphate of Ammonia.—Little available. Demand heavy. Prices firm.

Tankage.—Fertilizer grade advanced 25c. per unit at Chicago to $4.25 and 10c. Demand good.

Potashes

Producers of potash salts continued to supervise stocks closely, and as a result tightness remained to a marked degree. Demand was large. Contract customers were receiving fair amounts. Prices were steady.

Phosphates

Bone Materials. — Moderate movement reported. Inquiry slightly more active. Prices unchanged and firm.

Phosphate Rock. — Deliveries well maintained. Offerings routine. Prices steady.

Superphosphate. — Demand running far ahead of available supply. Offerings limited. Prices firm.

Sulphur and Pyrites

Continued good movement featured the market. Demand held to previous levels and shipments were regular and in good volume. There were no changes in price reported.

Markets at Other Centers

Atlanta—Feb. 6

An upward movement in ammoniates and tightness of most materials characterizes this market.

Superphosphate.—Unchanged at 62½c. per unit.

Nitrate of Soda.—Price unchanged. Very little available.

Sulphate of Ammonia.—Scarce, price unchanged.

Cottonseed Meal—8% grade, $43 to $43.50 per ton, Southeast.

Baltimore—Feb. 6

Trading in crude fertilizer materials is still very inactive as a result of uncertainty as to what prices should be.

Fish Scrap.—With production over for the season and holdings in first hands very small, there is a general tendency to wait about entering into deals.

Tankage.—The market is characterized by continued quiet, with little interest shown on either side.

Dried Blood.—The market for this ammoniate is quiet but shows distinct measure of firmness.

Superphosphate.—Demand shows no decided deviation from the previous tone of the market, with the buying limited and an attitude of hesitancy maintained by buyers.

Bone.—Offers of raw 4½ and 50 stocks are still lacking, with the movement otherwise of limited proportions.

Chicago—Feb. 6

The fertilizer materials market in general has been marking time, with business largely on an immediate-needs basis. Blood continues in a good market position. Tankage is quiet. Bone materials are moving well, with inquiry somewhat more active but with buyers cautious.

Blood.—Principal grade, $5.40 per unit.

Tankage.—High grade, feeding, $5.60 and 10c.; hoof-meal, $3.50 to $4; liquid stick, $2.40 to $2.50, nominal.

Bone Materials.—Ground, steamed bone, 3 and 50 percent, $35 to $37; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $40 to $45; meat scraps, $75; dry rendered tankage, hard pressed, $1.25 per unit of protein.

San Francisco—Feb. 6

Fertilizer materials offerings were generally light throughout the state. Prices were all firm, with organics at ceiling peaks.

Nitrate of Soda.—100-pound bags, $33 per ton; 167-pound bags, $32.40. Bulk, $30, all f.o.b. warehouse, Oakland.

Superphosphate.—89c. per unit in bulk, f.o.b. San Francisco. Bags, $1.02.

Tankage.—Dry-rendered, ground, 50 percent, $62.50 per ton, f.o.b. cars; 55 percent, $65. Unground, domestic, dry-rendered, $1.10 to $1.15 per unit of protein, f.o.b. cars, South San Francisco.

Sulphate of Ammonia

Production of sulphate of ammonia in December amounted to 131,239,254 pounds, compared with 122,718,258 in November and 123,950,000 in December, 1940, according to the Bureau of Mines. Shipments in the last month of 1941 were 135,156,376 pounds, against 124,380,466 in November and 142,651,380 in the previous December. Stocks at the end of the month totaled 62,187,811 in December, 66,423,225 in November, and 89,083,045 in December, 1940.

December output of ammonia liquor (NH_3 content) totaled 5,618,776 pounds, compared with 5,074,744 in November and 5,338,000 in December, 1940. Shipments were 6,197,555 pounds last December, 5,464,568 in November and 6,011,359 in December, 1940. Stocks totaled 1,512,880 at the end of December, 2,248,454 at the end of November, and 2,531,684 at the close of December, 1940.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

DCAT Banquet, Hotel Waldorf-Astoria, March 12.

Potash Deliveries Show Sharp Gain

Deliveries of agricultural potash by the four major producing companies within the continental United States, Canada, Cuba, Puerto Rico, and Hawaii during the fourth quarter of 1941 amounted to 154,026 tons of actual K_2O, equivalent to 286,677 tons of potash salts, according to the American Potash Institute. Constituting this total were 209,296 tons of muriate, 46,211 tons of manure salts, and 31,170 tons of sulphate. In addition, deliveries for chemical uses amounted to 25,090 tons of salts, equivalent to 15,556 tons of K_2O. These figures include salts of domestic origin only.

Potash deliveries in the United States, Canada, Cuba, Hawaii, and Puerto Rico for 1941 compared with 1940 as follows:—

	Short tons 1941	1940
Muriate, 60+50 percent	393,525	326,284
Manure salts, 30+25 percent	32,561	4,566
Sulphate+sul. pot. mag.	34,230	21,169
Total agricultural	460,316	352,019
Chemical potash	51,962	38,028
Total	512,278	390,047

Cowles Co. Appoints Finch to Sales Post

The Cowles Detergent Company, manufacturer of industrial alkalies, Cleveland, has appointed Robert V. Finch representative in Northeastern Pennsylvania. He will work out of the main office. He will handle alkaline metal cleaners and wire drawing lubricants.

R. V. Finch

Long associated with the Cowles organization, Mr. Finch started in the laundry sales department and later was made assistant sales-manager of Cowles' heavy chemical department, which was organized to introduce and promote the use of Cowles 'Drymet,' an anhydrous sodium metasilicate.

American Potash Names Potash, Borax Sales Heads

—*Continued from page* 3

with the company since February, 1932. He opened a branch sales office for the company in Baltimore in 1934 and remained in charge until the office was closed in 1939. Since then, his assignment has been to the general sales office in New York. His employment prior to going with American Potash & Chemical was with the Eagle Picher Lead Company.

Mr. Curts joined the company in February, 1931, and during the first few years of his employment devoted his activities to technical problems in the sales department, primarily as related to increasing the use of borax and boric acid in the ceramic industry, but also to the development and sales of new chemicals subsequently manufactured by the corporation.

Following graduation from Cornell in 1923, and from Princeton in 1924, he joined the New Jersey Zinc Company,

R. M. Curts

serving in the research and technical service departments. He came to the American Potash & Chemical Corporation direct from that employment. In addition to assuming the responsibilities of manager of borax sales, Mr. Curts will continue to handle sales of bromine, bromides, and lithium salts.

C.C. Smith Appointed To CCC Cotton Division

The Department of Agriculture today said C. C. Smith had been appointed assistant director of the Cotton Division of the Commodity Credit Corporation to succeed E. D. White, who recently was named assistant chief of the Agricultural Adjustment Administration.

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Containers Offered

FOR IMMEDIATE disposal—We have on hand approximately five hundred gross lithographed aluminum tubes—1½-ounce size. BOX 603, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—214 H.P. H.W.T. boiler, price $3,500. P. S. Kramer, Tar Refiners, 7 Smith street, Paterson, N. J.

FOR SALE—Day roller mills, 12 in. x 32 in., 3 and 4 rolls; pony mixers, 8 to 40 gals.; 80 gal. Brighton mixers; Kent 8-in. laboratory stone mills; Ross 26-in. stone mills; pebble and ball mills, lab. to 700 gals.; Day jumbo jacketed mixer, 700 gals.; filter presses, 12-in. to 36-in. square iron and wood; powder mixers, 100 to 2,000 lbs.; W. & P. 50 gal. vacuum mixers; copper, aluminum and steel kettles, 10 to 350 gals.; Tolhurst centrifugals, 32-in. to 48-in.; Raymond pulverizers; rotary dryers; Sweetland and Oliver filters; liquid, paste and powder filling equipment; pumps, etc. Complete stocks in New York City. Brill Equipment Corporation, 183 Varick street, New York City.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FIND what you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Company, 123 Bleecker street. SPring 7-8955.

FROM STOCK—Two 50-gallon lead mixers, direct motor driven; Shriver 7-in., 12-in. and 18-in. cast iron filter presses; 150-gallon and 500-gallon stainless steel tanks; International nickel drum dryer; rotex and ro-ball sifters; mixers to 600 lbs. capacity; steel storage tanks to 17,000-gallon capacity; 150-gallon copper jacketed vacuum pan; new glass lined tanks and portable agitators, etc. May we have your lists of surplus? Machinery & Equipment Corporation, 59 E. 4th street, New York City.

STAINLESS STEEL tank, 5 ft. dia., 14 ft. long, 1,980 gals.; insulated and covered with aluminum. New stainless steel tanks, 50 to 300 gals., dished bottoms. One steam jacketed steel tank, 9 ft. dia., 5 ft. deep, with agitator. Lightning portable agitator with 1½ H.P. 3 phase motor. Twenty glass lined tanks, 8 ft. dia., 12 ft. high, manhole doors and fittings. 150-gal. glass lined tank with stand. Sweetland filters, pumps, ice machines, pebble mill, separators, air compressors, valves and fittings. H. Loeb & Son, 4603 Lancaster avenue, Philadelphia, Pa.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 592, Oil, Paint and Drug Reporter.

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Materials Offered

BAKELITE VARNISH, XV2,936, 400 lbs.; 200 lbs. glyptal 1,229; 1 ton zinc oxide; 380 lbs. refined perilla oil; 500 lbs. gum karaya, white; 1,100 lbs. red oxide; 52 lbs. toluidin toner red. Make offer individual items. BOX 604, Oil, Paint and Drug Reporter.

Materials Wanted

IMPORTERS of pharmaceutical products and drugs. Specially interested caustic soda, soda ash, citric acid, lithopone, hypochlorites and other heavy and fine chemicals for our industries in Mexico. American Trading Co., S. De R. L. Avenida Juarez 30, Mexico D. F.

WANTED—One hundred tons beryl; 10 pounds boron amorphous; 5,000 pounds cerium chloride technical; 1,000 pounds maleic anhydride; 10 pounds copper boride; 100 pounds zirconium metal powder; five tone tantalite. BOX 584, Oil, Paint and Drug Reporter.

CHEMICALS, SOLVENTS and allied products, both surplus and discontinued lots as well as damaged lots, bought at premium prices. BOX 591, Oil, Paint and Drug Reporter.

WILL PURCHASE your surplus and discontinued lots of chemicals, oils, waxes, dyes, intermediates, dry colors, greases, metals and other raw materials and by-products. Also entire plants. Consult inventory and plant superintendent. Barclay Chemical Co., Inc., 75 Varick street, New York. Telephone WAlker 5-4250.

MAHOGANY SULFONATES, also known as petroleum or mineral sulfonates, either crude or refined, any quantity. In reply state quantity available, price and percent sulfonate. BOX 606, Oil, Paint and Drug Reporter.

PAINT WANTED—Established New York firm, private label, wants steady source of gloss paints, flat paints, enamels, etc., on cash or short term basis. BOX 607, Oil, Paint and Drug Reporter.

Positions Vacant

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MAN with experience in wax, resin and allied products. References and full details required. BOX 597, Oil, Paint and Drug Reporter.

Positions Vacant

TECHNICAL SALES director for raw material supplier. Must be well known in protective coatings industry and have wide experience in application for trade sales, industrial and Federal specification finishes. Also be competent to technically support salesmen. Excellent opportunity for right man. Give full information, age, education, experience, etc. BOX 602, Oil, Paint and Drug Reporter.

Positions Wanted

RAW MATERIALS salesman, fifteen years' experience selling to paint, varnish and allied industries. Good live contact, New York, New Jersey, New England states. Graduate chemist, long, practical experience manufacturing full line paints, varnishes. BOX 590, Oil, Paint and Drug Reporter.

ORGANIC CHEMIST (M. Chem.) with thorough knowledge of vegetable oils and synthetic resins as such or in their application in surface coatings desires responsible position directing laboratory work or technical sales service. Experience in cellulose plastics and patent work. Knowledge of several foreign languages. BOX 588, Oil, Paint and Drug Reporter.

VEGETABLE OIL specialist; 18 years' experience in production of resined, bleached, hydrogenated, deodorized oils and associated products. Also fatty acid distillation and crude glycerine production. BOX 587, Oil, Paint and Drug Reporter.

RESEARCH-CHEMIST, experienced in emulsions, lacquers, textiles, Ph.D. in colloid-chemistry, excellent theoretical and practical background, wants position New York metropolitan area. BOX 601, Oil, Paint and Drug Reporter.

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WANTED to buy, manufacturing process for diphenylamine. Offers BOX 595, Oil, Paint and Drug Reporter.

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1—W. & P. Vacuum Mixer, 100 gals.; other W. & P., 2 gals. to 2,000 gals.
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Current Market Quotations

Zinc Oxide—Zirconium

—Continued from page 27

Zinc, oxide, Amer., process. com'l, leaded, 5%, bgs., c.l., dlvd..lb.	.07½-	—
l.c.l., dlvd.....lb.	.07¾-	—
bbls., c.l., dlvd....lb.	.07¾-	—
l.c.l., dlvd.....lb.	.07¾-	—
35% or more, bgs., c.l., dlvd..lb.	.06¾-	—
l.c.l., dlvd.....lb.	.07 -	—
bbls., c.l., dlvd....lb.	.07 -	—
l.c.l., dlvd.....lb.	.07¼-	—
French process, com'l, lead free, bgs., c.l., dlvd..lb.	.07¼-	—
l.c.l., dlvd..lb.	.07½-	—
bbls., c.l., dlvd..lb.	.07½-	—
l.c.l., dlvd..lb.	.07¾-	—
green seal, bgs., c.l., dlvd. lb.	.09 -	—
l.c.l., dlvd.....lb.	.09¼-	—
bbls., c.l., dlvd..lb.	.09½-	—
l.c.l., dlvd.....lb.	.09½-	—
red seal, bgs., c.l., dlvd. lb.	.08½-	—
l.c.l., dlvd.....lb.	.08¾-	—
bbls., c.l., dlvd..lb.	.08¾-	—
l.c.l., dlvd.....lb.	.09 -	—
white seal, bgs., c.l., dlvd. lb.	.09¼-	—
l.c.l., dlvd.....lb.	.09¾-	—
bbls., c.l., dlvd..lb.	.09¾-	—
l.c.l., dlvd.....lb.	.10 -	—
imported, gold seal, cks., ex whse..lb.	No prices	
Zinc, oxide, imp., green seal, bbls., ex whse..lb.	No prices	
white seal, cks., ex whse..lb.	No prices	
USP, c.l., 50-lb., bgs.....lb.	.10½-	—

Zinc oxide prices in l.c.l. are ¼c. higher.
Lead-free and 5% and 35% leaded zinc oxide in car lots are ½c. per lb. higher delivered Pac. Cst., and in less car lots are ½c. per lb higher ex whse. Pac Cst.; 50% leaded is 5.6c. per lb. higher for car lots delivered Pac. Cst.

Palmitate, bbls.....lb.	.32	-	.33
Resinate, fused, pale, bbls..lb.	.10	-	—
precip., dms., dlvd.....lb.	.15	-	—
Stearate, tech., precip., otns.lb.	.30	-	.31
USP, bbls.....lb.	.30	-	.31
Sulphate, cryst., bgs., c.l., 100 lbs.	3.40	-	—
l.c.l. .....100 lbs.	4.15	-	—
bbls., c.l.....100 lbs.	3.65	-	—
l.c.l. .....100 lbs.	4.40	-	—
flake, bgs., c.l.....100 lbs.	3.80	-	—
l.c.l. .....100 lbs.	4.55	-	—
bbls., c.l.....100 lbs.	4.05	-	—
l.c.l. .....100 lbs.	4.50	-	—
powd., bgs., c.l.....100 lbs.	5.35	-	—
100 lbs.	5.35	-	—
l.c.l. .....100 lbs.	6.10	-	—
bbls., c.l.....100 lbs.	5.60	-	—
l.c.l. .....100 lbs.	6.35	-	—
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.08¼-		—
l.c.l., dlvd.....lb.	.08½-		—
bbls., c.l. (20 tons), dlvd.lb.	.08½-		—
l.c.l., dlvd.....lb.	.08¾-		—
barium, pigment, bgs., c.l., dlvd..lb.	.0560-		—
l.c.l., dlvd.....lb.	.0585-		—
calcium pigment, bgs., c.l., dlvd..lb.	.0560-		—
l.c.l., dlvd.....lb.	.0585-		—
magnesium pigment, bgs., c.l., dlvd..lb.	.05¾-		—
l.c.l., dlvd.....lb	.06 -		—

Car lot prices are ½c. higher delivered Pac Cst. and less car lot prices are ½c. higher ex whse. Pac. Cst.

Zinc, sulphocarbolate, NF, bbls., dms..lb.	.24	-	.29
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.65	-	—
l.c.l., works.....100 lbs.	6.70	-	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.06	-	—
l.c.l., dlvd., E. of Rockies..lb.	.06¼-		—
dlvd. Pac. cst..lb.	.06½-		—
ex whse., Pac. cst..lb.	.07	-	—
Zirconium nitrate, kgs., works.lb.	3.00	-	4.00
Oxide, crude, 70-75%, gr., bbls., works..ton.	75.00	-	100.00
white, 98%, grd., kgs., works, lb.	1.80	-	2.00

Synthetic Resins

and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the February 2 issue; the next printing will be in the March 2 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market which begins on page 37.

N.Y. Production Club Discusses Paint Tests

Sidney Werthan, of the New Jersey Zinc Company, was the guest speaker at the February 4 meeting of the New York Paint and Varnish Production Club in the Building Trades Employers Association building, this city. More than ninety members and guests were present to hear him discuss "Performance Tests as an Aid in the Maintenance of Traffic Paint Quality."

Regarding formulations, Mr. Werthan said that the most desirable traffic paint, according to the tests of his company, were composed of 50 percent high-hiding pigment, 30 percent zinc oxide, 10 percent mica and 10 percent magnesium silicate. The tests showed, he said, that paint with a barium base is more desirable than that with a calcium base, and that equal results are obtained by the use of lithopone, titanated lithopone or titanium barium pigment. Zinc oxide was found to be best for durability, he added.

John Barrett of the Standard Varnish Works, Staten Island, was elected to membership in the club.

Shipping Information

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Imports at U. S. Ports

New York Imports

ANIMAL HAIR—19 bls, Eagle Hair Mfg Co
11 bls
17 bls, J Henry Schroeder Banking Corp
11 bls
18 bls, Manufacturers Trust Co
HAIR RESIDUE—6 bls

ASBESTOS—2,471 bgs, Asbestos, Ltd
156 bgs, Union Asbestos & Rubber Co

BAUXITE—9,100 tons

BEEF EXTRACT—25 cs, International Product Corp
446 cs, Armour & Co

BLOOD, DRIED—2,000 bgs, Swift & Co
2,000 bgs, Stokbi & Co
1,300 bgs, Swift & Co
2,000 bgs, Swift & Co
1,029 bgs, Anewalt Schmitt, Inc
2,002 bgs

BISMUTH, REFD—216 bars, Cerro de Pasco Copper Co
THREAD—66 bars, Cerro de Pasco Copper Co

BONES—2,146 bgs, American Agricultural & Chemical Co
45 bgs, Tupman, Thurlow & Co
2,880 bgs, American Agricultural & Chemical Co
2,651 bgs, Philadelphia National Bank
6,000 bgs, Philadelphia National Bank
2,011 bgs, National City Bank
14,339 bgs, Philadelphia National Bank
1,105 bgs, Manufacturers Trust Co

BRISTLES—6 cs, Sterling National Bank
5 cs, Dodwell & Co
FIBER—75 pkgs, Volkart Bros

CALCIUM TARTRATE—81 bgs, Balfour, Guthrie & Co

CANARY SEED—84 bgs, Wagner Bros Seed Co
84 bgs, F H Von Dam
340 bgs, A G Dunn

CASEIN—1,334 bgs, American Cyanamid & Chemical Co
417 bgs, J Henry Schroeder Banking Corp
417 bgs, National City Bank
250 bgs, Circo Mfg Co
834 bgs, H S Cramer & Co
417 bgs, The Borden Co
417 bgs, E Lang
317 bgs, H S Cramer & Co
417 bgs
417 bgs, H S Cramer & Co
850 bgs, C M Loeb Rhoades
450 bgs
417 bgs, Packing Product Co
417 bgs, H S Cramer & Co
100 bgs
334 bgs, American Cyanamid & Chemical Co
850 bgs, Casein Co of America
334 bgs, T M Duche & Sons
1,834 bgs, E Lang
5,000 bgs, American Cyanamid & Chemical Co
850 bgs, Casein Co of America
1,668 bgs, American Cyanamid & Chemical Co

CASSIA—178 bls
503 bls, Irving Trust Co
247 bls
187 bls

CASTOR BEANS—1,700 bgs, Guaranty Trust Co
1,694 bgs, Baker Castor Oil Co
1,700 bgs, Spencer Kellogg & Sons
1,667 bgs, Bunge North American Grain Co
277 bgs, Baker Castor Oil Co
1,700 bgs, Spencer Kellogg & Sons
2,356 bgs, Baker Castor Oil Co
1,665 bgs, Bunge North American Grain Co
1,000 bgs, Spencer Kellogg & Sons
3,400 bgs, Baker Castor Oil Co
1,700 bgs, Berkshire Chemical Co
5,100 bgs, Baker Castor Oil Co
1,541 bgs, Pan American Trust Co
1,650 bgs, Baker Castor Oil Co
1,560 bgs, Baker Castor Oil Co
1,694 bgs, Spencer Kellogg & Sons
6,667 bgs, Baker Castor Oil Co
3,387 bgs, Spencer Kellogg & Sons
3,387 bgs, Baker Castor Oil Co
5,080 bgs, Spencer Kellogg & Sons
5,000 bgs, Baker Castor Oil Co
1,694 bgs, Spencer Kellogg & Sons
1,711 bgs, Baker Castor Oil Co
1,720 bgs, Spencer Kellogg & Sons
1,734 bgs, Baker Castor Oil Co
1,142 bgs, Baker Castor Oil Co
2,283 bgs, Baker Castor Oil Co
2,750 bgs
15,000 bgs, Baker Castor Oil Co
2,671 bgs
1,700 bgs, Baker Castor Oil Co
875 bgs
3,400 bgs, Baker Castor Oil Co
3,390 bgs
3,330 bgs, Bunge North American Grain Co
1,694 bgs, Spencer Kellogg & Sons
3,400 bgs, Baker Castor Oil Co
1,694 bgs, Baker Castor Oil Co
5,950 bgs, Spencer Kellogg & Sons
3,400 bgs, Baker Castor Oil Co
1,734 bgs, Baker Castor Oil Co
15,000 bgs, Baker Castor Oil Co
1,694 bgs, Baker Castor Oil Co

CATTLE HAIR—15 bls, Brown Bros-Harriman Co
10 bls, Philadelphia National Bank
22 bls, E Lang
8 cs, M Mandel
TAIL HAIR—7 bls, Hideskins, Inc

CHAMOMILE FLOWERS — 30 cs, R J Prentiss & Co

CHROME ORE—4,000 tons, E J Lavino & Co
750 tons, Union Ore Corp

COCA LEAVES—134 bls, Maywood Chemical Works

COCOA BEANS—750 bgs, Nieschlag & Co
1,000 bgs, Kennedy, Butcher & Co
200 bgs, Nieschlag & Co
500 bgs, Wessel, Kulenkampf & Co
250 bgs, Nieschlag & Co
500 bgs, Kennedy, Butcher & Co
250 bgs, Schwabach & Co
250 bgs, Wessel, Kulenkampf & Co
500 bgs, General Cocoa Co
500 bgs, Schwabach & Co

COCOA BEANS—146 bgs, Struller & Wood
250 bgs, C A Mackey
36 bgs, Struller & Wood
125 bgs, W & A Leaman
550 bgs, Struller & Wood
600 bgs, Wieslach & Co
300 bgs
100 bgs, W R Grace & Co
1,750 bgs, W R Grace & Co
1,000 bgs, Machado & Co
113 bgs
200 bgs, Scholtz & Co
110 bgs
500 bgs, General Cocoa Co

COTTON LINTERS—108 bls, Lush Cotton Product Co
13 bls, Kauders-Steuber Co
16 bls, Cecil Kutz
283 bls, Chase National Bank
25 bls, Waldemar Fernandes Luge
34 bls, Lush Cotton Product Co
28 bls, Kauders-Steuber Co
18 bls, Waldemar Fernandes Luge
35 bls, Lush Cotton Product Co
37 bls, Waldemar Fernandes Luge
6 bls, J E Bernard & Co
165 bls, Williamson Product Co
478 bls, West Texas Cotton Oil Co
210 bls, Kauders-Steuber Co
67 bls, Williamson Product Co
115 bls, Kauders-Steuber Co
1 bl, Anderson Clayton Co
71 bls, Williamson Product Co
175 bls, Kauders-Steuber Co
14 bls, Lush Cotton Product Co
7 bls, Lloyd Brasileir

MOTES—69 bls, New England Waste Co
468 bls, New England Waste Co
425 bls, New England Waste Co
470 bls, New England Waste Co

COTTONSEED MEAL—2,174 bgs, Ashcraft-Wilkinson Co
600 bgs, Chase National Bank
4,480 bgs, National City Bank
2,174 bgs, Ashcraft-Wilkinson Co
1,346 bgs, Chase National Bank
1,750 bgs
673 bgs, Chase National Bank
3,050 bgs
1,346 bgs, Chase National Bank
1,633 bgs, Chase National Bank
2,233 bgs, Bunge North American Grain Co

COW TAIL HAIR—20 bls, Hair Fiber Supply Co

CRACKLINGS—3,204 bgs, Anewalt Schmitt, Inc

CYANIDE, PRECIP—9 cs, South American Development Co

DIVI-DIVI—2,070 bgs, The Tannin Corp

DRUGS—17 cs, Kerr, Ellis & Co
14 cs, E Fougera & Co
1 cs, Meadows, Wye & Co

FLAXSEED—2,042 tons, 81,680 bus, Garnac Grain Co
1,239 bgs, 2,725 bus
690,000 kilos, 27,600 bus

GLANDS—24 cs, Wilson & Co
BEEF SUPRARENAL — 4 trcs, Parke, Davis & Co
10 cts, Charles Hollinshed Co
2 trcs, Parke, Davis & Co
HOG THYROID—1 trc, Parke, Davis & Co
1 bbl, Parke, Davis & Co
PORK THYROID—4 cs, Parke, Davis & Co

GLUE, BONE—100 bgs, T W Dunn
100 bgs, C B Hewett & Co

GLUESTOCK—172 bls, Remis & Co
5 bls, J Freedson
52 bls, First National Bank of Boston
341 bls, Remis & Co
280 bls, First National Bank of Boston
27 bls, Chase National Bank

GOAT HAIR—25 bls, W R Grace & Co
184 bls, Arms Textile Mfg Co
27 bls, National Hair Cloth Co
56 bls, N Wagman Co
29 bls, National Hair Cloth Co
40 bls, W R Grace & Co
140 bls, W R Grace & Co

GUM, DAMMAR—100 cs, Irving Trust Co
200 cs, Stroock & Wittenberg Corp
200 cs, Fidelity Union Trust Co
250 cs, Irving Trust Co
200 cs, Chase National Bank
100 bgs, Irving Trust Co
100 cs, Irving Trust Co
400 bgs, Irving Trust Co
200 cs, Fidelity Union Trust Co
200 bgs, Irving Trust Co
500 bgs, Irving Trust Co
300 cs, Irving Trust Co

HERBS—5 bls, S B Penick & Co

HORSE HAIR—15 bls, Brown Bros, Harriman Co
22 bls, Brown Bros, Harriman Co
24 cs, Chasé National Bank
10 cs, J Henry Schroeder Banking Corp
12 cs, Bank of London South America
150 cs, Guaranty Trust Co
142 cs, National City Bank
60 bls, Anewalt Schmitt, Inc
40 bls, Bank of New York Trust Co
41 cs, E Lang
10 bls, M S Banchero
1 cs, B Schlangenkopf
1 bl, Guaranty Trust Co
3 cs, Dodwell & Co
18 cks, Corn Exchange Bank Trust Co
1 bl, Corn Exchange Bank Trust Co
MANE HAIR—10 bls, J Henry Schroeder Banking Corp
10 bls, Hair & Fiber Supply Co
TAIL HAIR—7 cs

IPECAC ROOT—14 bls, Chase National Bank

KETTLE DROSS—478 bgs, Cerro de Pasco Copper Co

KYANITE ORE—342 tons, General Refractories Co

LOGWOOD—Quantity, American Dyewood Co

MANGANESE ORE—3,500 tons, Carnegie Illinois Steel Corp

MANGROVE BARK—115 cs, Andean Trading Co
20 cs, W Malowan

MANIOC FLOUR—1,250 bgs, R S Bausman-Washburn Crosby Co
313 bgs, Java American Export Co
747 bgs, Chase National Bank
493 bgs, Java American Export Co
774 bgs, Java American Export Co
670 bgs, Java American Export Co

MARJORAM LEAVES—80 bgs, A Villagran
40 bgs, A Villagran

MEDICINAL PREPS—3 cs, Frederick Stearns Co
2 cs, Meadows, Wye & Co

MICA—50 cs, Brazilian Minerals & Timber Co
40 cs, A O Schoonmaker Insulation Co
50 cs, Rector Mineral Trading Corp
46 cs, F D Pitts Co
114 cs, Ford Radio & Mica Co
102 cs, Marine Export Corp
45 cs, J A Cunningham, Inc
41 cs, York Mercantile Co

BLOCK—6 cs, Aviation Equipment & Export Co
155 cs
439 cs

SPLITTINGS—10 cs, Cornelis & Suhr
1,650 cs
100 cs, Cornelis & Suhr
1,075 cs

MILK, POWD—16 cs, Nestle's Milk Products

NUTMEGS—208 bgs, Chase National Bank
219 bgs, Corn Exchange Bank Trust Co
109 bgs, Corn Exchange Bank Trust Co
95 bgs, Irving Trust Co
94 bgs, National City Bank
58 bgs, Irving Trust Co
199 bgs, National City Bank

NUX VOMICA—15 tons, Volkart Bros
10 tons, Volkart Bros

OIL, BABASSU—52 dms, W R Grace & Co
CANANGA—2 dms, Chase National Bank
CASTOR—150 dms
CITRONELLA—28 dms, Chase National Bank
29 dms, Dodge & Olcott Co
12 dms, Continental Bank Trust Co
7 tons, Volkart Bros
10 tons, Volkart Bros
COPAIBA—57 cs, Orbis Product Co
30 cs, Lloyd Brasileiro
COTTONSEED—299 bbls, Tradesman National Bank Trust Co
159 bbls, Tradesman National Bank Trust Co
355 bbls, Tradesman National Bank Trust Co
FISH—7 dms, Kerr, Ellis & Co
FISH LIVER—23 cs, Distillation Product, Ltd
LEMONGRASS—3 cs, Pratt & Blake
2 tons, Volkart Bros
LIME—7 cs, Ungerer & Co
NEATSFOOT—10 cks, Kerr, Ellis & Co
ORANGE—100 cts, National City Bank
18 cs, Pratt & Brake
20 cs, Dodge & Olcott Co
16 cs, Pratt & Brake
PEANUT—Quantity, I R Boody & Co
PETITGRAIN—12 dms, Ungerer & Co
19 dms, J Berlage Co
6 dms, General Drug Co
SUNFLOWER SEED—Quantity, Glidden Co
Quantity, Bunge North American Grain Co
VETIVER—1 dm, Ungerer & Co
1 dm, Chase National Bank
200 kilos, Volkart Bros

OX GALLS, CONC—24 cs
2 trcs, Wilson & Co

PATCHOULI LEAVES — 10 tons, Volkart Bros

PERFUME—1 cs, Les Parfums de Dama

QUEBRACHO EXTRACT—1,500 bgs, Garovaglio & Zorraquin
512 bgs, Guaranty Trust Co
1,986 bgs, Rector Mineral Trading Corp
3,988 bgs, Garovaglio & Zorraquin
6,000 bgs, International Product Corp
755 bgs, R J Vogel
3,350 bgs, International Product Corp
1,850 bgs, International Product Corp
1,000 bgs, International Product Corp
400 bgs, International Product Corp
3,000 bgs, The Tannin Corp
6,097 bgs, American Tanners, Ltd
1,500 bgs, The Tannin Corp
50 bls, The Tannin Corp
10,749 bgs, The Tannin Corp
18,794 bgs, The Tannin Corp
10,874 bgs, The Tannin Corp
10,650 bgs, The Tannin Corp
6,000 bgs, International Product Co
4,268 bgs, The Tannin Corp
400 bgs, International Product Corp
36,082 bgs, The Tannin Corp
1,000 bgs, The Tannin Corp

RAPESEED—480 bgs, R F Downing & Co

RUTILE ORE—420 bgs, L J Buck

ROCK CRYSTALS—286 cs, L J Buck
240 cs, American Gem & Pearl Co
6 cs, Pan American Trade Development Corp
4 cs, Eugene Munsell & Co

SABADILLA SEED—40 bgs, Daniel F Young

SESAME SEED—4 bgs, Volkart Bros

SHELLAC—90 bgs, Wm Zinsser & Co
100 bgs, Dings & Schuster
110 bgs, Wm Zinsser & Co
400 bgs, Mantrose Corp
100 bgs, Wm Zinsser & Co
200 bgs, Gillespie-Rogers-Pyatt Co
200 bgs, Wm Zinsser & Co

SILVER SULPHIDE — 114 bgs, J Henry Schroeder Banking Corp

SOAP BARK—206 bls, W R Grace & Co

STEARIN—183 bgs
600 bgs, Guaranty Trust Co

TALLOW—267 cks, Wilson & Co
1,226 cks, Armour & Co
869 bgs, Cop Argentine Prod
902 cks
560 bbls, H J Baker & Bro
855 bbls, Cop Argentine Prod
638 bbls, Cop Argentine Prod
556 cks, Guaranty Trust Co
1,530 cks, Loeb Rhoades
298 cks, Philadelphia National Bank
544 bbls
560 cks, National City Bank

TALLOW—560 cks
547 cks, Bunge North American Grain Co
471 cks, Guarnaty Trust Co
550 cks
558 cks, Armour & Co
473 cks, Swiss Bank Corp
741 cks, Philadelphia National Bank
125 bbls, Philadelphia National Bank
111 bbls, Bunge North American Grain Co
89 bbls, Guaranty Trust Co
494 bbls, Swift & Co

TAPIOCA FLOUR — 250 bgs, American Cyanamid & Chemical Co
2,000 bgs, Bank of New York Trust Co

TIN AND WOLFRAM ORE—500 bgs, W R Grace & Co
109 bgs, W R Grace & Co

WAX, BEES—80 bgs, Leghorn Trading Co
101 bgs
110 bgs, D Steengrafe
152 bgs, D Steengrafe
60 bgs, Innis, Speiden & Co
100 bgs, Will & Baumer Candle Co
140 bgs
40 bgs
35 bgs, W R Grace & Co
35 bgs, E A Bromund Co

CARNAUBA—188 bgs, Strohmeyer & Arpe Co
163 bgs, Bank of London-South America
56 bgs, American Cyanamid & Chemical Co
224 bgs, S C Johnson & Sons
56 bgs, Strohmeyer & Arpe Co
56 bgs, Lenape Trading Co
168 bgs, W R Grace & Co
56 bgs, Lenape Trading Co
56 bgs, The Selig Co, Inc
56 bgs, Lenape Trading Co
34 bgs, The Selig Co, Inc
224 bgs, E A Bromund Co
125 bgs, Strohmeyer & Arpe Co
101 bgs, Strohmeyer & Arpe Co
188 bgs, Strohmeyer & Arpe Co

OURICURY—35 bgs, Brown Bros-Harriman Co
33 bgs, Arnold Dorr & Co

WINE LEES—744 bgs, British American Eastern Co
339 bgs, British American Eastern Co

WOLFRAM ORE—709 bgs, Ayrton Metal Co
700 bgs, W R Grace & Co
200 bgs, Ayrton Metal Co

YEAST—12 cs, Standard Brands

YOU, too, should have your imports listed here for the information of OPD readers—it costs you nothing.
Mail lists of arrivals promptly and regularly, or telephone them—REctor 2-9820.

Baltimore Imports

CHROME ORE—2,000 tons

IRON ORE—12,200 tons, Bethlehem Steel Co
22,000 tons, Bethlehem Steel Co
21,800 tons, Bethlehem Steel Co
22,000 tons, Bethlehem Steel Co

MANGANESE ORE—21,400 tons

OIL, FUEL—90,000 bbls, Standard Oil Co of N J
68,000 bbls, Standard Oil Co of N J

ZINC CONCENTRATES—6,800 tons

New Orleans Imports

COCOA BEANS—27 tons

BONES—37 tons
29 tons

GUM CHICLE—203 tons

Philadelphia Imports

ASBESTOS—1,110 tons

BERYLLIUM ORE—1,036 bgs

CHROME ORE—5,290 tons

CALCIUM TARTRATE—439 bgs

MANGANESE ORE—3,080 tons, Bethlehem Steel Co

MOLASSES—1,825,151 gls, Publicker Alcohol Co

OCHER—20 tons

OIL, FUEL—68,468 bbls, Socony Vacuum Oil Co, Inc

PETROLEUM, CRUDE—282,210 bbls, Gulf Oil Corp
75,000 bbls, Atlantic Refining Co

QUEBRACHO EXTRACT—3,853 bgs
8,340 bgs, Tannin Corp

Navicert Quotas Filled

The British Consulate-General has announced that navicert quotas have been filled on the following:—

Portugal:—Lacquer, lacquer thinner, tanning material.

Spain:—Soda and potash bichromate.

Sweden:—Lard oil, butylacetate, wood oil, sodium perborate, carnauba wax, and pharmaceutical petroleum jelly.

Switzerland:—Insulin.

Mexico's Foreign Trade Controlled by New Bureau

Mexican imports and exports have been placed under the exclusive control of a central control and provision department in the Ministry of National Economy. The new bureau will distribute goods received among importers on the basis of their total purchases, and help exporters dispose of Mexican products in the United States and other foreign markets. It will have offices in commercial centers in Mexico and this country.

Cincinnati Paint Club Holds 'Ladies Night'

The Cincinnati Paint, Varnish & Lacquer Association celebrated ladies' night with a dinner, floor show and dancing in the Hotel Netherland Plaza, January 31. The attendance numbered 116. In addition to a souvenir from the association, each lady was given a box of candy, a gift of the American Can Company.

Index to Advertisements

Acme Steel Drum Co. 40
Advance Solvents & Chemical Corp. —
Alabama Charcoal Co. 32
Alexander, Jerome 61
Alkydol Laboratories, Inc. —
Allied Asphalt & Mineral Corp. 38
American Agricultural Chemical Co. —
American British Chem. Supplies, Inc. —
American Can Co. 23
American Cyanamid & Chemical Corp. —
American Flange & Mfg. Co. —
American Potash & Chemical Corp. —
Anderson-Prichard Oil Corp. —
Ansbacher-Siegel Corp. —
Apex Chemical Co., Inc. —
Association of Consulting Chemists and Chemical Engineers, Inc. 61
Atlantic Coast Fisheries Co. 49
Atlantic Refining Co. —
Atlas Powder Co. 46

Baker, J. T., Chemical Co. 1, 44
Barium & Chemicals, Inc. 64
Barium Reduction Corp. 30
Barrett Division 34, 59
Bayonne Company, Inc. 55
Bemis Bro. Bag Co. 26
Benzol Products Co. —
Berk, F. W., & Co., Inc. 45
Bernard Color & Chemical Co. 64
Binney & Smith Co. —
Brighton Copper Works —
Brode Corp., The 42
Bromund, E. A., Co. 43
Bureau of Chemistry 61
Burke, Edw. S. —
Bush Pan-America, Ltd. 56
Bush, W. J., & Co., Inc. 55

Calco Chemical Division 37, 49
Calif. Fruit Growers Exchange 18
Capital City Products Co. 42
Carbide & Carbon Chemicals Corp. —
Carey, The Philip, Co. —
Chemical Solvents, C. P., Inc. 64
Church & Dwight Co. 30
Coastwise Petroleum Co. 36
Coleman & Bell Co. —
Colgate-Palmolive-Peet Co. 50
Colledge, E. W., General Sales Agent. —
Colton, Arthur, Co. —
Columbia Chemical Division 11
Commercial Solvents Corp. —
Consolidated Products Co., Inc. 60
Consumers Import Co., Inc. 64
Continental Can Co. —
Coupe, Robert A. 30
Cowles Detergent Co. —
Crown Can Co. —

Darling & Co. 43
Day Chemical Co. 61
Delta Chemical & Iron Co. 64
Desert Chemical Co. —
Diamond Alkali Co. 31
Dickhart, W. H. 61
Dodge & Olcott Co. 55
Doggett, Stanley, Inc. —
Dorward & Sons Co. —
Douglass Sulphur Co. —
Dow Chemical Co. —
Dunkel, Paul A., & Co., Inc. —
DuPont de Nemours, E. I., & Co., Inc. 1
Durez Plastics & Chemicals, Inc. —

Eastman Kodak Co. 51
Edsingh & Lugtigheid 50
Ehrlich, J. 61
Ellis-Foster Co. 61
Emery Industries, Inc. 41
Enequist Chemical Co. 32

Faesy & Besthoff, Inc. —
Fairmount Chemical Co. 50
Felton Chemical Co., Inc. —
Fezandie & Sperrle —
First Machinery Corp. 60
Food Research Laboratories, Inc. 61
Frank-Vliet Co., Inc. 54
Franks Chemical Products Co. 38
Freeport Sulphur Co. —
Fritzsche Bros., Inc. —
Fulton Bag & Cotton Mills —

Gartenberg, H., & Co. 33
General Drug Co. 19
General Electric Co. —
Gesell, R., Inc. 50
Givaudan-Delawanna, Inc. 39
Golwynne Chemical Co. 24
Gray, William S., & Co. 1
Gray Industrial Laboratories 61
Greeff, R. W., & Co., Inc. 49
Griffin Chemical Co. —
Gross, A., & Co. 41
Gruman, J. B., Co. —

Hallowell, Horace J. 61
Hammond, W. A., Drierite Co. —
Hardesty, W. C., Co., Inc. 41
Harrington Paint Co., Inc. 21
Harshaw Chemical Co. —
Heekin Can Co. —
Heyden Chemical Corp. —
Holt, C. J., Co., Inc. 61
Hooker Electrochemical Co. 17
Hopkins, J. L., & Co. 53
House of Wallace 55
Huisking, Chas. L., & Co. 48
Hummel Chemical Co., Inc. 50
Hutchinson, D. W., & Co., Inc. 55

Imperial Paper & Color Corp. —
Independent Mfg. Co. 42
Industrial Consulting Labs., Inc. 61
Inland Alkaloid Co. 51
Innis, Speiden & Co —
International Pulp Co. —
Irvington Smelting & Refining Works. —

Jackle, Frank R. —
Jones & Laughlin Steel Corp. 36
Jungmann & Co., Inc. 50

Kachurin Drug Co. 53
Kelco Co. —
Kentucky Color & Chemical Co. 40
Kessler Chemical Co., Inc. 45
Keto Chemical Co. 50
Khosrovschahi Morteza 54
Knight, B. H. 61
Koppers Company 35
Krebs Pigment & Color Corp. —
Krumbhaar Chemicals, Inc. 38

Laning, E. M., Co. 61
La Wall & Harrisson 61
Leghorn Trading Co. 46
Lemke, B. L., Fine & Rare Chemicals. —
Leonhard, Theodor, Wax Co., Inc. —
Lewistown Corporation Laboratories. —
Lueders, George, & Co. —

Magnetic Pigment Co. —
Magnus, Mabee & Reynard, Inc. 55
Mallinckrodt Chemical Works. —
Mann, F. J., Inc. —
Mantrose Corp. —
Marine Magnesium Products Corp. 63
Marx, Segre Co., Inc. 32
Mathieson Alkali Works, Inc. —
McKesson & Robbins, Inc. 49
Menhaden Fish Products Co. —
Mercantile Import & Export Co. 50
Merck & Co., Inc. 8
Meyer, Herman, Drug Co., Inc. 51
Michigan Alkali Co. —
Millmaster Chemical Co. —
Mills, Zophar, Inc. 40
Molnar Laboratories 61
Monsanto Chemical Co. —
Munch, James C. 61
Mutual Chemical Co. of America 33

National Box & Lumber Co. —
National Can Corp. —
National Lead Co. —
National Milk Sugar Co. 49
National Rosin Oil & Size Co. —
Natural Products Refining Co. 33
Neuberg Chemical Corp. 50
Neville Co. 39
Newark Steel Drum Co. —
New Jersey Zinc Co. 27
N. Y. Quinine & Chemical Works, Inc. 6
Niacet Chemicals Corp. 46
Niagara Alkali Corp. 13
Niagara Chlorine Products Corp. —

Oil States Petroleum Co., Inc. 57
Oldbury Electro-Chemical Co. —
Orthmann Laboratories, Inc. 61
Osborn, C. J., Co. 40

Pacific Alkali Co. —
Pacific Coast Borax Co. 1
Pacific Vegetable Oil Corp. —
Paramet Chemical Corp. 37
Parsons, M. W. 40
Peek & Velsor, Inc. 54
Penick, S. B., & Co. 52
Pennsylvania Coal Products Corp. —
Pennsylvania Industrial Chem. Corp. —
Pennsylvania Refining Co. 56
Pennsylvania Salt Mfg. Co. —
Pfaltz & Bauer, Inc. 50
Pfizer, Chas., & Co., Inc. 29
Phelps Dodge Refining Co. —
Philadelphia Quartz Co. 32
Philipp Brothers, Inc. 30
Pittsburgh Plate Glass Co. 11
Polachek, Z. H. 61
Potash Co. of America —
Prentiss, R. J., & Co. 54
Prior Chemical Corp. 1
Procter & Gamble 41, 46
Publicker Commercial Alcohol Co. —
Purdy, W. S., Co., Inc. 61
Pure Calcium Products Div. —
Purocaine Chemical Co. 50
Raisch, John E., & Co. 61

Reed-Blair Laboratories 61
Reichhold Chemicals, Inc. —
Republic Steel Corp. —
Rheem Mfg. Co. —
Robinson-Wagner Co. —
Rosenthal, H. H., Co., Inc. 64
Rufert Chemical Co. 24
Sadtler, Samuel P., Son, Inc. 61
St. Joseph Lead Co. —
Schuykill Chemical Co. 46
Schwarz Laboratories, Inc. 61
Seil, Putt & Rusby, Inc. 61
Seydel Chemical Co. —
Sharples Chemicals, Inc. 1
Sherwood Refining Co., Inc. 57
Silzle, E. A., Corp. —
Skelly Oil Co. —
Smith, Kline & French Labs. —
Snell, Foster D., Inc. 61
Socony-Vacuum Oil Co., Inc. —
Solvay Sales Corp. 25
Solvents Recovery Service —
Sonneborn, L., Sons, Inc. 64
Southern Acid & Sulphur Co., Inc. —
Sparkler Mfg. Co. —
Standard Alcohol Co. —
Standard Brands, Inc. 47
Standard Oil Co. of Calif. —
Standard Specialty & Tube Co. —
Standard Synthetics, Inc. —
Standard Ultramarine Co. —
Stauffer Chemical Co. 32
Stillman & Van Siclen, Inc. 61
Stillwell & Gladding 61
Stroock & Wittenberg Corp. 15
Sun Oil Co. 20
Synthetic Products Co. —

Taintor Trading Co., Inc. —
Tamms Silica Co., Inc. 40
Tar & Chemical Div. of Koppers Co. 35
Tar Residuals, Ltd. 36
Tennessee Corp. —
Texas Gulf Sulphur Co., Inc. 59
Thompson-Hayward Chemical Co. 32
Thornton, The F. C., Co. —
Thurston & Braidich 54
Titanium Pigment Corp. —
Todd, A. M., Co. —
Tombarel Products Corp. —
Truesdail Laboratories, Inc. 61
Tucker, Irwin R., Co. 43
Turner, Joseph, & Co. 30

Union Carbide & Carbon Corp. —
U. S. Industrial Chemicals, Inc. —
United States Potash Co. —
United States Pumice Supply Co. 40
Universal Trading Corp. —

Vanderbilt, R. T., Co., Inc. —
Velsicol Corporation —
Victor Chemical Works 32
Viking Distributing Co. —
Virginia-Carolina Chemical Corp. —
Vitro Mfg. Co. 40
Vol-U-Meter Co. —

Wah Chang Trading Corp. 42
Warner Chemical Co. 2
Warwick Chemical Co. —
Weil, Rene 32
Weiss & Downs, Inc. 61
Welch, Holme & Clark Co., Inc. —
Wet Ground Mica Assn., Inc. 63
White Tar Co. of N. J. 35
Wiley & Co., Inc. 61
Will & Baumer Candle Co., Inc. —
Williams, C. K., & Co. 38
Wilson Carbon Co. —
Wilson-Martin Division 43
Wishnick-Tumpeer, Inc. —
Woburn Degreasing Co. of N. J. 42
Wolf, Jacques, & Co. 51
Wood Preserving Corp. 35
Wood Ridge Division 45

Zink & Triest Co. —
Zinsser & Co., Inc. 32
Zophar Mills, Inc. 40

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ST. LOUIS OFFICE: G. S. Robins & Company 126 Chouteau Ave.

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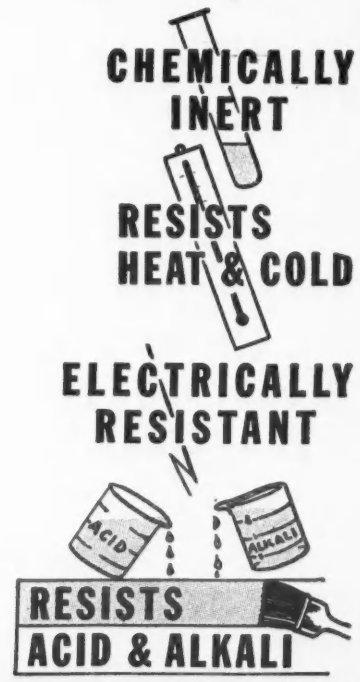
WATERGROUND Mica Flakes are flat and translucent with a diameter of 20 to 40 microns and delaminated to between 1 and 2 microns. They are flexible, strong, and produce a durable lamination which reinforces the film.



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